MEDICARE HOSPITAL MORTALITY INFORMATION

1987 • 1988 • 1989

Volume 20

Colorado
Montana
North Dakota
South Dakota
Utah
Wyoming

Region VIII

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U.S. Department of Health and Human Services
Health Care Financing Administration

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1987 • 1988 • 1989

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Volume 20

COLORADO
MONTANA
NORTH DAKOTA
SOUTH DAKOTA
UTAH
WYOMING

Region VIII

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The Health Care Financing Administration (HCFA) was established in March 1977 to combine health financing and quality assurance programs into a single agency. HCFA is responsible for the Medicare program, Federal participation in the Medicaid program, the Peer Review Organization program, and a variety of other health care quality assurance programs.

The mission of the Health Care Financing Administration is to ensure the effective administration of our programs in order to promote the timely delivery of appropriate, quality health care to over 59 million of the nation's aged, disabled and poor. The agency must also ensure that beneficiaries are aware of the services for which they are eligible, that those services are accessible and of high quality, and that agency policies and actions promote efficiency and quality within the total health care delivery system.

FOREWORD

The nation's Medicare program, which is administered through the Health Care Financing Administration (HCFA) in the Department of Health and Human Services, has more than 33 million beneficiaries. One of HCFA's primary responsibilities is to ensure that Medicare beneficiaries receive quality health care. This fourth annual release of Medicare hospital mortality information is a key element in our efforts to improve the effectiveness of medical practice and the quality of care provided to Medicare beneficiaries.

This publication presents information to answer the question "What is the actual mortality rate within a certain period of time for each hospital compared to what rate would have been predicted, given what we know about the characteristics of the patients admitted?" We expect this information to be used by hospital administrators, physicians, peer review organizations, Medicare beneficiaries, State survey and certification agencies and researchers. The information in this release is not intended as a direct measure of quality of care. It is best used as a "screening tool"--that is, to identify potential problems for further review and, in consultation with medical staff, to evaluate a hospital's strengths and weaknesses. Thus, we believe that consumers can use this information to ask questions of their physicians, rather than reach judgments about the quality of care in a particular hospital.

The basic approach to analyzing hospital mortality information has remained unchanged for the past four years; however, since the last publication of mortality information in December 1989, we have made some significant changes both in our methodology and in the way we display the results of our analysis. This publication presents information for 30, 90, and 180 days post admission, as opposed to the single point of 30 days post admission used in all the previous publications. Also, we present values for an observed mortality rate, a predicted mortality rate and a standard deviation.

These refinements should make this information an even more valuable educational tool to help improve the quality of care in hospitals. The changes were reviewed and approved by a panel of outside experts. The methodology used in arriving at the observed mortality rate, the predicted mortality rate and the standard deviation are briefly described in the Technical Appendix at the end of this volume and in more detail in a Technical Information Supplement .

We acknowledge the assistance we have received from the American Hospital Association--not only for providing the information detailing selected hospital characteristics but also for alerting its members to the importance of this information. We are also grateful to the personnel in each hospital who took the time to thoroughly review the data and to provide us with comments and suggestions. As before, we have published the comments we received from individual hospitals, associating them with the summary data for the appropriate institution. Over the years, these communications have proved very helpful in improving and refining the information included in this publication.

Gail R. Wilensky

Gail R. Wilensky, Ph.D.
Administrator

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TECHNICAL APPENDIX A-1

INTRODUCTION

The mortality rates at a given hospital may reflect, among other factors, the age, sex, diagnoses, and severity of illness of patients admitted to that hospital, as well as the quality of care they received. Factors affecting health and the probability of death vary among the patient populations served by individual hospitals. Consequently, the mortality rates in different patient populations vary considerably.

Before reading the tables containing the hospital-specific information and the comments provided by individual hospitals, the reader will find it useful to understand the format and presentation of the information. This year's publication presents information for Federal fiscal years (FYs) 1987, 1988 and 1989. (A Federal fiscal year is October 1 through September 30; e.g., FY 1989 covers the period October 1, 1988 through September 30, 1989.) The information for 1987 and 1988 will be different from that published previously both because it is based on a fiscal, not calendar, year, and because the methodology for this year's analysis uses a random hospital stay rather than the last stay in the year as did previous analyses.

Description of Mortality Information

These latest analyses of the mortality rates associated with Medicare hospitalizations are similar to those carried out in the three prior years. Only one hospitalization for every patient was used. However, in this year's analysis, when a patient had multiple hospitalizations during the fiscal year, one stay to be analyzed was selected at random. We believe that the use of the randomly selected admission provides a better representation of a typical hospital admission and permits us to calculate mortality rates more nearly like those the hospital itself would calculate for its patients. The event evaluated was death at any time within 180 days of admission to the hospital. With this approach, information about the early and later results of the hospitalization are provided. This is important because diseases evolve with different time courses, and treatments may have different short- and long-term impacts. The choice of 180 days allows substantial followup consistent with timely reporting of HCFA data. Additionally, the decision to report the longer followup data necessitated the change from calendar to fiscal year analysis, since it provides at least 182 days followup while allowing us to report on quite recent hospitalizations. Another benefit of using a fiscal rather than a calendar year for analysis is that our files are maintained on a fiscal year basis and new Medicare rules are often instituted on a fiscal year basis.

For each hospital, information is presented for overall Medicare patient mortality and for each of 17 specific diagnostic or medical procedure categories. The information consists of the number of Medicare patients; the observed or actual mortality rate (OBS); the predicted mortality rate (PRED), given the mix of patients; and a standard deviation (SD), a measure of the uncertainty of the predicted rate. A rule of thumb for using the SD to assess a hospital's performance appears later in this Introduction, and a more precise formula for the use of the SD is included in the Technical Appendix.

As we did in previous years' publications, we are including selected information about each hospital, such as the number of beds and other characteristics, which we obtained from data contained in the American Hospital Association's (AHA) 1989 Annual Survey of Hospitals files or, when such information was not available from the AHA file, the Health Care Financing Administration's (HCFA) Online Survey Certification and Reporting System (OSCAR) file. These hospital characteristics are found at the bottom of each hospital's first summary data page. A more detailed description of the hospital characteristics appears later in this Introduction. It is important to note that these characteristics are provided for information only. They were not part of the analyses, and any errors or discrepancies in them do not affect the predicted mortality rates. In the publication, we have arranged the States by HCFA regions. A hospital's summary data pages and any comments received are arranged alphabetically by hospital name in each State section. A complete listing of States by region and volume can be found in Table 1.

Before reviewing a hospital summary table, it would be helpful to describe how the numbers were derived and what they mean.

Number of Cases. This figure is the number of individual Medicare beneficiaries whose discharge in a fiscal year from the short-term, acute care hospital listed was selected for analysis. The total number of cases selected for each hospital is presented under the category "All Causes." The eight condition and nine procedure categories are subgroupings drawn from the "All Causes" selection. Although a particular patient may appear in only one of the eight condition categories, that same patient may also appear in one or more of the nine categories defined by a surgical procedure. Similarly, a patient may appear in one or more of the nine surgical procedure categories, even though he or she was not included in any of the eight condition categories. The categories chosen for display represent HCFA's interpretation of the categories judged to be important by various outside advisors including the Institute of Medicine. The listed condition and procedure categories cover less than half of all the hospitalized patients. (ICD-9-CM codes included in each condition and procedure category appear in Table 2.). These conditions and procedures represent the causes for the hospital admission and/or surgical episodes during that stay; **they do not necessarily represent the cause of death.** HCFA does not have access to cause of death information.

Observed Mortality Rate (OBS). This number is the percentage of each acute care hospital's selected Medicare patients who died within 30, 90 or 180 days of the selected admission to the hospital. The percentage is rounded to the nearest one-tenth of a percent. Both in-hospital deaths and deaths occurring after discharge but within 30, 90 or 180 days of admission are included. For example, if a hospital had 1,000 patients included in the "All Causes" category and 124 of these patients died within 30 days of the selected admission, the 30-day observed mortality rate would be 12.4 percent; if an additional 17 patients died more than 30 but less than 91 days after admission, the 90-day observed mortality rate would be 14.1 percent; and if an additional 13 patients died more than 90 but less than 181 days after admission, the 180-day observed mortality rate would be 15.4 percent. It is important to note than the observed mortality rate is cumulative; e.g., the 90-day observed mortality rate includes all deaths which occur within 30 days of admission, as well as those occurring more than 30 and less than 91 days after admission. The observed mortality rate represents the percentage of beneficiaries in a particular category who died during the selected time interval. As noted above, it does **not** represent the percentage whose death was caused by the particular condition or procedure.

Predicted Mortality Rate (PRED). This column gives a predicted mortality rate for patients included in the analysis for each hospital. The rate is derived in part by determining, based on national experience, the contribution to the probability of dying associated with various patient characteristics: principal diagnosis (grouped into 17 analytical risk categories), age, sex, previous hospital admissions within the prior six months, admission source (e.g., physician reference, skilled nursing facility reference), admission type (e.g., elective or emergency), and the presence of up to four comorbid conditions--cancer, chronic cardiovascular disease, chronic renal disease, and chronic liver disease. For additional details on the development of the rates, see the Technical Appendix at the end of this volume. For a list of the ICD-9-CM codes defining the comorbid conditions see Table 3. Two additional adjustments for patient risks were carried out. First, account was taken of the effect of the specific reason for admission--the principal diagnosis within each analytic category--on the probability of patient death. Second, the additional information carried by the grouping of patients into clinically informative categories was also used. This last adjustment proved particularly important in the case of the surgical categories, because the performance of a surgical procedure has substantial implications about the severity of illness.

Standard Deviation (SD). The standard deviation is a guide to how meaningful the difference between the observed and predicted mortality rate is. In general, the greater the difference between the two rates, the greater the probability that the difference represents an actual variation from what would be expected in view of the national experience.

As a rule of thumb, if the difference is 1.2 times the SD, chances are 3 out of 4 that the difference is due to statistical variability observed nationally. If the difference is greater than 1.6 times the SD, there is only 1 chance in 10 that the difference is due to statistical variability; if the difference is more than 2.0 times the SD, there is only 1 chance in 20 that the difference is due to statistical variablity; and if the difference is more than 2.6 times the SD, there is only 1 chance in 100 that the difference can be attributed to statistical variablity rather than actual variation from what would be expected. The less chance that the difference between the PRED and the OBS can be attributed to statistical variability, the more grounds for concern may exist about the institution's performance. Further information on how to use the SD to construct prediction intervals for use in assessing the real difference between the OBS and the PRED are included in the Technical Appendix at the end of this volume. The precision and interpretability of the estimates are weaker when there are no deaths or 50 or fewer cases in a particular category being analyzed. Thus, for these instances, an asterisk (*) is placed in the SD column.

Information Sources and Notes

This publication is based primarily on Medicare hospital billing information for fiscal years 1987, 1988 and 1989. While the principal source of the data for the analysis was the HCFA-maintained Medicare Provider Analysis and Review (MEDPAR) file which contains information about each Medicare hospitalization, some of the information about beneficiaries, such as date of death, was obtained from the Social Security Administration. Hospitals submit bills to HCFA's fiscal intermediaries (which handle claims for the care provided to Medicare beneficiaries) which, in turn, submit this information to HCFA. The file is updated on a quarterly basis. Our analysis was based on information available following the June 1990 update of the MEDPAR file. It is estimated that by that time (nine months after the close of the fiscal year) 98 percent of all Medicare discharges in FY 1989 are included in the file.

In any large-scale data base, such as the one dealing with Medicare hospitalizations, there will be gaps or inaccuracies. The fact that the files contain information on about 10 million hospital admissions to nearly 6,000 hospitals for each year provides some assurance that, for purposes of the statistical analysis conducted here, the information which might be missing or inaccurate is such a small portion of the total that it would have almost no impact on the results for national estimates. It may, however, substantially affect an individual hospital if it was the source of the suspect information.

Nevertheless, while we feel that the information used in this analysis is quite thorough and complete, there are a few points which should be kept in mind as the hospital-specific information is reviewed.

> The information used is billing data and is only as good as the information submitted by hospitals as part of the payment process. Although there is always a possibility that coding errors are included, we assume that, given the link to payment, hospitals have an incentive to submit bills accurately and promptly. We do know, however, that some hospitals submitted incomplete or erroneous data.
>
> The hospitals included in this analysis are participating in Medicare as short-term, acute care facilities; all have a zero in the third position of their Medicare provider number. All other hospitals--those with something other than a zero in the third position of their provider number, such as rehabilitation facilities or psychiatric institutions--were automatically excluded from the analysis. This year, as last, we also excluded hospices from the publication.
>
> In some cases, we have included data for hospitals which closed, changed ownership, or changed management either during or subsequent to FY 1989. Nevertheless, data which are included for those institutions reflect the situation as it existed at the time the hospitalizations analyzed occurred.
>
> There is some information in the MEDPAR file which does not reflect immediately the results of review by the Peer Review Organizations (PROs). For example, one of the functions a PRO performs is to ensure that the diagnosis assigned to a particular case is accurate. The nature of the review and payment system is such that, in some instances, PRO changes in diagnosis assignment may not be

submitted and associated in the MEDPAR file on as timely a basis as other billing information. Obviously, this type of change could have an effect on the calculation of mortality rates in individual categories and may also have a bearing on comorbidities.

The usefulness of this information depends upon the accuracy with which mortality rates can be predicted. It is important to understand that the difference between the hospitals' mortality rates and the predicted rates in the tables in this publication may not be a direct measure of the quality of care rendered in the hospitals. One reason for this is that we do not now have any direct measurement tool with which we can adjust fully for differences among hospitals in how severely ill their patients are. For instance, two hospitals may have very different death rates for patients admitted for stroke, even after we have adjusted for age, sex and several other factors. This might happen because one hospital's stroke patients consist of a significant number who are admitted in a coma (and are thus more likely to die), whereas another hospital's patient population represents a broader spectrum of patients with cerebrovascular problems, or because these hospitals in fact do provide different levels of quality of care. In addition, other factors affecting the probability of death in a particular case (e.g., family status/support, overall health status of the patient, etc.) are not included in the predictive model because information on them is not readily available.

Nevertheless, we believe that this information is an important contribution to the health care community and should be helpful to a wide range of individuals and organizations including hospital administrators, physicians, and researchers. Among these audiences, we expect that the hospital administrator (in consultation with medical staff) will find the information most useful as a screening tool to evaluate a hospital's strengths and weaknesses. For example, we know that some hospitals and their medical staffs, using established and newly emerging quality assessment techniques, are trying to determine what useful information can be derived about their hospitals and how they function. In this way, the information should lead to analysis and subsequent actions which will capitalize on areas of strong performance and strengthen areas where improvement is needed.

We believe that when this information is properly understood and applied, it can be very useful; it can also be misleading if it is interpreted incorrectly. The information simply describes one of several possible outcomes at a hospital--post-admission mortality for Medicare beneficiaries. The information is not necessarily representative of a hospital's total performance in all aspects of patient care and is best used to view experience in individual hospitals rather than for making comparisons among hospitals. Individual hospitals may have very good reasons for their rates being higher than the rates predicted by the HCFA model. For example, one hospital might have different death rates than another because of its patient mix. Accordingly, it was important for hospitals to have an opportunity to review their specific information and to provide comments to HCFA and the public. We offered each hospital the opportunity to comment on the information contained in this volume, and we included in this publication those comments which were received by January 15, 1991. Consumers should read the explanations of the uses and limitations of the information, as well as any comments a hospital may have provided.

The development and presentation of this information continues to be an important part of HCFA's responsibilities in the health care community. Consequently, in making the information as accurate and useful as possible, over the past several years we have discussed the theoretical framework and statistical approach with a number of nationally recognized technical experts in appropriate fields. More specifically, in June 1990 we presented the major changes--use of fiscal year data, use of random rather than last admission for analysis, use of the standard deviation rather than ranges, presentation of mortality rates at three time intervals--to these experts. Based on their recommendations, we believe that the models used in these analyses continue to be reasonable and appropriate.

In the past, we have conducted validation studies of our methodology. In general, these studies have found correlation between poor quality care and hospitals whose observed mortality rate significantly exceeds the rate that would have been predicted. However, we have also found that detailed clinical data which more thoroughly characterize the severity of patient's illness, while they do not materially affect results describing the general pattern of mortality, do, in specific instances, alter our assessment of the comparison of the observed to the predicted mortality rates.

The format for presentation, the process for sharing the information with individual hospitals, and the statistical methodology have been discussed at various meetings with leaders of organizations representing Medicare beneficiaries, physicians and hospitals. Also, we have spent many months reviewing the comments received from the hospitals regarding their patient-specific data for earlier years and our previous mortality information publications. Many suggestions from these sources have been incorporated into this publication.

We have carefully investigated comments from individual hospitals on apparent discrepancies or errors generated in previous years. These discrepancies very rarely impacted on a hospital's overall mortality rate. Most of these instances fell into the following three broad categories.

> **Inaccurate Date of Death.** We found that inpatient billing coding errors (e.g., a hospital bill indicating that the patient's status at time of discharge was "expired" when the patient had, in fact, left the hospital alive) created many of these errors. We have mechanisms in place that allow a continuous update of HCFA's master file, thereby enabling us to make corrections.
>
> **Data Posting Delays.** In some instances, delays in posting data to the MEDPAR file created difficulties in prior years' analyses. However, because of the use of a fiscal, rather than calendar, year and of a random, rather than last, admission for analysis, this problem has largely been eliminated.
>
> **Discrepant Case Counts.** Our analysis counts only one acute care discharge in a fiscal year; normally, hospitals count each discharge. Thus, a patient admitted three times in a year would count three times for the hospital, but only once for the purpose of analyzing Medicare hospital mortality data presented in this publication.

On December 6, 1990, we mailed mortality information to each hospital on its Medicare patients and asked for comments by January 15, 1991. Each hospital received the summary data information (as published here), as well as a list of all Medicare patients whose stay in that hospital in FY 1989 was selected for the analysis. The comments we received are generally reproduced as submitted by the hospital. However, in instances where hospitals returned an annotated copy of the HCFA information sent on December 6, we did not publish that annotated material, even in cases where these were the only comments submitted by the hospital. We took this action because of patient privacy concerns and/or because it would have duplicated information already provided on the hospital's summary data sheet. However, we have published a standard statement to identify instances where we received this type of response. Additionally, in cases where the hospital's response exceeded the two-page limit, which was specified in our communication of December 6, we have published only the first two pages of the material received. No attempt has been made to edit or condense the response provided by the hospital.

In any project of this size, there will be instances where hospitals did not receive the information for comment or did not receive it timely. In fact, many hospitals were sent second copies of their specific information in an expeditious manner in order to allow every opportunity for review and comment. Even though it is possible that some of the nonresponding facilities never got the information or did not have adequate time to comment, we expect that these instances are few in number.

As noted previously, we have again included information on selected hospital characteristics such as the number of beds, occupancy rate, ownership, staffing, and specialty services. These particular characteristics and services were selected as those of most interest to Medicare beneficiaries. (Thus, for example, we do not include information on specialty services such as Neonatal Intensive Care Units.) This information was obtained from the AHA 1989 Annual Survey of Hospitals. Where hospitals did not provide information to AHA on a particular item, it has been listed as not available. This file consists of information voluntarily reported by hospitals to the AHA. In instances where the AHA records contained no information about a hospital included in the analysis, we have presented the most recent information from HCFA's OSCAR file.

Following are the AHA's definitions of each characteristic found on the hospital's summary page containing the FY 1989 summary data information.

SURVEY AND YEAR: AHA 1989 Source = American Hospital Association 1989 Annual Survey of Hospital Files

Total beds (#): Number of beds (including sub-acute beds), cribs, and pediatric and neonatal bassinets regularly maintained (set up, staffed, and ready for use) for inpatients as of the close of the reporting period; does not include bassinets for normal newborn infants.

Occupancy rate (percent): Ratio of average daily census to the average number of beds (statistical beds) maintained during the 12-month reporting period. (NOTE: The number of these "statistical beds" may differ from the bed count at the close of the reporting period.)

Ownership/control: State government, local government, district/authority, church, private nonprofit, private for profit, or Federal Government.

STAFFING (as of 09/30/88):

Total number of physicians: Total active and associate medical staff.

Percent of physicians who are board-certified specialists: Physicians who have passed an examination given by a medical specialty board and have been certified by that board as a specialist.

Medical residents/interns: Full-time equivalent (FTE) medical residents or interns.

Registered nurses: Full-time equivalent (FTE) registered nurses.

Licensed practical nurses: Full-time equivalent (FTE) licensed practical nurses.

AHA DEFINED SPECIALTY SERVICES:

Burn unit: Provides more intensive care to severely burned patients than the usual acute nursing care provided in medical and surgical units. Beds must be set up and staffed in a unit specifically designated for this service.

Cardiac intensive care: Provides patient care of a more specialized nature than the usual medical and surgical care, on the basis of physicians' orders and approved nursing care plans. The unit is staffed with specially trained nursing personnel and contains monitoring and specialized support or treatment equipment for patients who, because of heart seizure, open-heart surgery or other life-threatening conditions, require intensified, comprehensive observation and care. May include myocardial infarction, pulmonary care, and heart transplant units. Beds must be set up and staffed in a unit(s) specifically designated for this service.

Comprehensive Geriatric Assessment: Provides diagnostic and evaluation services that determine elderly patients' long-term care needs. Includes the assessment of medical conditions, functional activities and mental and emotional conditions, and incorporates these into a treatment plan which includes family and financial concerns as well as medical needs.

Hospice care: A program providing palliative care, chiefly medical relief of pain and supportive services, to terminally ill patients and assistance to their families in adjusting to the patients' illness and death.

Medical/surgical intensive care: Provides nursing care to adult and/or pediatric patients of a more intensive nature than the usual medical, surgical, pediatric, and/or psychiatric care on the basis of physicians' orders and approved nursing care plans. Included are medical-surgical, pediatric, and psychiatric (isolation) units. These units are staffed with specially trained nursing personnel and contain monitoring and specialized support equipment for patients who, because of shock, trauma, or life-threatening conditions, require intensified, comprehensive observation and care. These units may also include cardiac care when such services are not provided in a distinct cardiac care unit.

Organ transplant service equipment: The necessary staff and equipment to perform the surgical removal of a viable human organ (including kidney) from a donor, either alive or just deceased, and the surgical grafting of the organ to a suitably evaluated and prepared patient.

Other intensive care: Provides nursing care to adult and/or pediatric patients with a specialized disease or condition of a more intensive nature than the usual medical, surgical, pediatric and/or psychiatric care on the basis of physicians' orders and approved nursing plans. Examples reported include oncology or spinal cord injuries. These units are staffed with specially trained nursing personnel and contain monitoring and specialized support equipment appropriate for the patients' specialized conditions.

Rehabilitation unit: Unit having designated beds and providing a comprehensive array of multidisciplinary medical rehabilitation services.

Trauma center: Provides emergency and specialized intensive care to critically injured patients.

NOTE: Inquiries regarding the AHA data or requests for additional AHA data must be directed to the Director of the American Hospital Association's Hospital Data Center at (312) 280-6000.

Following are HCFA's Online Survey Certification and Reporting System (OSCAR) definitions of some characteristics found on the hospital's summary page containing the 1986, 1987, and 1988 mortality rates and ranges.

SURVEY AND YEAR: OSCAR 19__

Total beds (#): Total number of operational beds eligible for Medicare payment.

Ownership/control: Church; private; Federal, State, local government, or hospital district or authority; proprietary.

STAFFING:

Medical residents/interns: Full-time equivalent (FTE) medical residents or interns.

Registered nurses: Full-time equivalent (FTE) registered nurses.

Licensed practical nurses: Full-time equivalent (FTE) licensed practical nurses.

OSCAR DEFINED SPECIALTY SERVICES:

There are no specific definitions of specialty services in OSCAR. These characteristics are self-reported by each hospital at initial certification and recertification. However, they are generally understood to parallel the explicit AHA definitions.

Table 1

STATES BY REGION AND VOLUME

REGION		VOLUME	STATE
I	Boston	1	Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont
II	New York	2	New Jersey, Puerto Rico, Virgin Islands
		3	New York
III	Philadelphia	4	Delaware, District of Columbia, Maryland, Virginia, West Virginia
		5	Pennsylvania
IV	Atlanta	6	Alabama, Georgia
		7	Florida
		8	Kentucky, Mississippi, South Carolina
		9	North Carolina, Tennessee
V	Chicago	10	Illinois
		11	Indiana, Michigan
		12	Minnesota, Wisconsin
		13	Ohio

VI	Dallas	14	Arkansas, Oklahoma
		15	Louisiana, New Mexico
		16	Texas (A - L)
		17	Texas (M - Z)
VII	Kansas City	18	Iowa, Kansas
		19	Missouri, Nebraska
VIII	Denver	20	Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming
IX	San Francisco	21	American Samoa/Guam, Arizona, Hawaii, Nevada
		22	California (A - L)
		23	California (M - Z)
X	Seattle	24	Alaska, Idaho, Oregon, Washington

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Table 2

DIAGNOSTIC AND PROCEDURE CATEGORIES

The following lists the ICD-9-CM diagnostic and procedure codes used to classify and group patients for presentation:

CONDITION/PROCEDURE	ICD-9-CM CODES (D) = DIAGNOSTIC CODE (P) = PROCEDURE CODE
Heart Disorders/Procedures:	
Acute Myocardial Infarction	410 (D) (exclude 410 with 5th digit of 2 after 10/1/89)
Congestive Heart Failure	398.91, 402.01, 402.11, 402.91, 428.0, 428.1, 428.9 (all D)
Angioplasty	36.0 excluding 36.00, 36.03, 36.04, 36.09 (all P)
Coronary Artery Bypass Graft	36.1 (P)
Pacemaker Insertion, Initial	37.73, 37.74, 37.75, 37.77 (after 10/1/87 use 37.70—37.73) (all P)
Pulmonary Disorders:	
Pneumonia/Influenza	480-481, 482.2, 482.3, 482.9, 483, 485, 486, 487.0 (all D)
Chronic Obstructive Pulmonary Disease	491-492; 494; 496; and 466.0, 518.5, 518.82, and 786.09 when there is a secondary diagnosis of any 496 (all D)
Cerebrovascular Disorders/Procedures:	
Transient Cerebral Ischemia	433.1, 433.3, 435 (D) and exclude those patients with an endarterectomy, 38.12 (P) at the time of admission
Stroke	431, 434-434.9, 436 (all D)
Carotid Endarterectomy	38.12 (P) with 433.1 (D), 433.3 (D), or 435 (D) as principal diagnosis

Musculoskeletal Disorders/Procedures:

Fracture of Neck of Femur	820 (D)
Hip Replacement/Revision	81.5, 81.6 (exclude 81.69) (81.51—81.53 after 10/1/89) (all P)
Open Reduction of Fractured Femur	79.35 (P) on condition of 820 (D) as principal diagnosis

Genitourinary Procedures:

Prostatectomy	60.2, 60.3-60.69 (all P)
Hysterectomy	68.3-68.7 (P)

Gastrointestinal Procedures:

Cholecystectomy	51.22 (P)

Sepsis:

Sepsis	003.1, 020.2, 022.3, 036.2, 036.3, 036.89, 036.9, 038, 054.5 (all D)

Table 3

COMORBIDITY CONDITIONS

(all are D codes)

COMORBIDITY	ICD-9-CM CODES
Cancer	141-160.9, 162-172.9, 174-208.9
Chronic liver disease	571-572.8
Chronic renal disease	582-583.9, 585-587
Chronic cardiovascular disease	412-414.9, 426-429.1

Colorado

AMC CANCER RESEARCH CENTER

1600 Pierce St
Lakewood, CO 80214

Medicare Provider Number: 060099

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	3	66.7	28.2	*	100.0	52.0	*	100.0	69.0	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	1	100.0	33.6	*	100.0	47.1	*	100.0	55.9	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1986

Total Beds	12
Ownership/Control	Private, Non-Profit
STAFFING:	
Medical Residents/Interns	0
Registered Nurses	9
Licensed Practical Nurses	2

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	No
Hospice	No
Intensive Care Unit	No
Organ Transplant	No
Rehabilitation	No
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

AMC CANCER RESEARCH CENTER

Medicare Provider Number: 060099

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	13	30.8	25.8	*	61.5	46.3	*	76.9	59.5	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	1	0.0	27.1	*	0.0	43.1	*	0.0	54.2	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	28	42.9	21.2	*	64.3	37.6	*	71.4	50.2	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	1	100.0	44.2	*	100.0	72.9	*	100.0	87.5	*
Pneumonia/Influenza	1	0.0	52.1	*	100.0	71.9	*	100.0	82.7	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

AMI PRESBYTERIAN-AURORA HOSPITAL

700 Potomac Street
Aurora, CO 80010

Medicare Provider Number: 060100

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,007	10.8	9.0	1.3	16.7	13.6	1.8	19.0	17.3	1.6
CONDITIONS:										
Acute Myocardial Infarction	34	23.5	23.2	*	23.5	25.9	*	26.5	28.8	*
Congestive Heart Failure	39	10.3	14.2	*	30.8	22.1	*	35.9	28.8	*
Pneumonia/Influenza	44	27.3	15.8	*	31.8	21.2	*	34.1	25.8	*
Chronic Obstructive Pulmonary Disease	23	17.4	8.6	*	30.4	15.3	*	39.1	21.1	*
Transient Cerebral Ischemia	8	0.0	1.6	*	0.0	3.7	*	0.0	5.8	*
Stroke	23	39.1	21.3	*	43.5	27.5	*	43.5	32.0	*
Hip Fracture	31	6.5	6.4	*	6.5	11.3	*	12.9	14.8	*
Sepsis	6	33.3	28.9	*	50.0	38.0	*	50.0	44.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	3.6	*	0.0	7.8	*	0.0	11.9	*
Carotid Endarterectomy	3	0.0	1.5	*	33.3	2.7	*	33.3	3.8	*
Hip Replacement/Reconstruction	19	5.3	3.2	*	5.3	5.8	*	5.3	7.7	*
Open Reduction of Hip Fracture	19	10.5	5.4	*	10.5	10.0	*	10.5	13.4	*
Prostatectomy	43	0.0	0.7	*	2.3	1.6	*	2.3	2.6	*
Cholecystectomy	19	5.3	6.3	*	10.5	11.4	*	15.8	14.3	*
Hysterectomy	15	0.0	1.5	*	0.0	3.2	*	0.0	4.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	120
Occupancy Rate	64
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	219
Percent of Physicians Board Certified Specialists	79
Medical Residents/Interns	0
Registered Nurses	182
Licensed Practical Nurses	16

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

AMI PRESBYTERIAN-AURORA HOSPITAL

Medicare Provider Number: 060100

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	65	4.6	6.2	5.3	10.8	9.8	5.0	16.9	12.9	6.2
CONDITIONS:										
Acute Myocardial Infarction	2	50.0	35.8	*	50.0	39.8	*	50.0	44.2	*
Congestive Heart Failure	2	0.0	8.9	*	0.0	13.6	*	0.0	18.1	*
Pneumonia/Influenza	2	0.0	14.3	*	0.0	19.2	*	0.0	23.4	*
Chronic Obstructive Pulmonary Disease	2	0.0	5.3	*	0.0	9.6	*	50.0	13.9	*
Transient Cerebral Ischemia	1	0.0	1.4	*	0.0	2.5	*	0.0	3.6	*
Stroke	2	0.0	18.6	*	0.0	24.6	*	0.0	29.1	*
Hip Fracture	2	0.0	5.4	*	0.0	10.2	*	0.0	13.4	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	0.3	*	0.0	0.5	*	0.0	0.6	*
Open Reduction of Hip Fracture	2	0.0	4.6	*	0.0	9.2	*	0.0	12.4	*
Prostatectomy	4	0.0	1.2	*	0.0	3.1	*	25.0	5.2	*
Cholecystectomy	2	0.0	8.1	*	0.0	15.5	*	0.0	20.1	*
Hysterectomy	3	0.0	0.3	*	0.0	0.5	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	0									
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

AMI PRESBYTERIAN-DENVER HOSPITAL

1719 East 19th Ave
Denver, CO 80218

Medicare Provider Number: 060005

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,744	8.6	8.7	1.1	13.9	13.9	1.2	17.8	17.9	0.9
CONDITIONS:										
Acute Myocardial Infarction	40	12.5	27.9	*	20.0	32.5	*	22.5	36.5	*
Congestive Heart Failure	39	23.1	17.5	*	30.8	27.2	*	33.3	34.6	*
Pneumonia/Influenza	43	9.3	16.4	*	18.6	22.9	*	23.3	27.6	*
Chronic Obstructive Pulmonary Disease	12	16.7	12.9	*	16.7	21.4	*	33.3	27.8	*
Transient Cerebral Ischemia	11	0.0	2.6	*	0.0	5.8	*	0.0	9.3	*
Stroke	34	17.6	20.2	*	20.6	27.7	*	26.5	32.6	*
Hip Fracture	57	12.3	8.4	4.6	14.0	14.8	4.8	17.5	18.9	5.3
Sepsis	16	18.8	27.2	*	37.5	35.2	*	43.8	41.6	*
PROCEDURES:										
Angioplasty	41	0.0	4.9	*	0.0	6.3	*	0.0	7.9	*
Coronary Artery Bypass Graft	62	6.5	6.2	3.6	11.3	9.6	4.0	14.5	11.8	5.2
Initial Pacemaker Insertion	20	0.0	3.6	*	5.0	7.3	*	5.0	10.9	*
Carotid Endarterectomy	6	0.0	1.4	*	0.0	2.6	*	0.0	3.8	*
Hip Replacement/Reconstruction	53	3.8	3.1	3.3	5.7	5.9	3.5	7.5	8.0	3.8
Open Reduction of Hip Fracture	24	16.7	8.4	*	16.7	15.1	*	20.8	19.5	*
Prostatectomy	74	2.7	1.0	1.8	5.4	2.4	3.3	8.1	4.1	5.0
Cholecystectomy	29	6.9	4.5	*	6.9	7.2	*	10.3	8.5	*
Hysterectomy	12	0.0	0.3	*	0.0	0.6	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	288
Occupancy Rate	65
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	331
Percent of Physicians Board Certified Specialists	78
Medical Residents/Interns	0
Registered Nurses	149
Licensed Practical Nurses	32

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

AMI PRESBYTERIAN-DENVER HOSPITAL

Medicare Provider Number: 060005

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,655	9.7	9.1	1.0	15.1	14.1	1.2	18.8	18.0	1.2
CONDITIONS:										
Acute Myocardial Infarction	71	35.2	31.7	6.8	38.0	35.4	6.1	39.4	39.2	5.9
Congestive Heart Failure	97	17.5	16.0	3.9	27.8	24.5	6.2	33.0	31.5	5.7
Pneumonia/Influenza	116	19.0	17.8	3.9	25.9	24.1	4.6	33.6	28.9	7.2
Chronic Obstructive Pulmonary Disease	39	7.7	8.9	*	25.6	14.8	*	25.6	19.5	*
Transient Cerebral Ischemia	32	3.1	2.2	*	6.3	4.8	*	12.5	7.5	*
Stroke	52	23.1	18.9	7.1	26.9	25.5	6.2	28.8	30.1	6.7
Hip Fracture	94	4.3	7.1	4.2	17.0	12.9	4.3	20.2	16.6	5.2
Sepsis	22	22.7	23.9	*	22.7	31.2	*	22.7	37.4	*
PROCEDURES:										
Angioplasty	31	0.0	3.8	*	0.0	4.7	*	3.2	5.8	*
Coronary Artery Bypass Graft	65	10.8	7.1	4.4	13.8	10.6	4.7	13.8	12.5	4.3
Initial Pacemaker Insertion	22	9.1	3.2	*	18.2	6.9	*	18.2	10.1	*
Carotid Endarterectomy	11	0.0	2.0	*	9.1	4.0	*	9.1	5.8	*
Hip Replacement/Reconstruction	81	1.2	4.1	3.4	9.9	7.9	3.4	13.6	10.7	4.6
Open Reduction of Hip Fracture	51	5.9	6.1	4.1	17.6	11.5	6.1	21.6	15.1	7.9
Prostatectomy	105	1.9	0.9	1.3	2.9	2.1	1.6	3.8	3.6	2.1
Cholecystectomy	31	3.2	3.7	*	9.7	7.2	*	9.7	9.8	*
Hysterectomy	14	0.0	1.4	*	0.0	2.8	*	0.0	4.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,846	8.6	7.4	0.6	13.8	11.7	1.0	17.3	15.1	0.9
CONDITIONS:										
Acute Myocardial Infarction	80	26.2	28.5	5.4	28.7	31.8	5.8	31.3	35.1	6.7
Congestive Heart Failure	105	14.3	17.1	7.0	21.9	26.5	9.4	30.5	33.7	9.1
Pneumonia/Influenza	101	19.8	15.0	4.7	27.7	20.8	5.3	31.7	25.5	5.8
Chronic Obstructive Pulmonary Disease	37	13.5	8.4	*	35.1	14.0	*	40.5	18.5	*
Transient Cerebral Ischemia	20	5.0	1.8	*	5.0	3.6	*	20.0	5.6	*
Stroke	61	18.0	17.5	5.4	21.3	24.2	6.1	24.6	28.6	7.8
Hip Fracture	110	1.8	6.3	3.6	7.3	11.4	4.4	12.7	14.9	3.8
Sepsis	23	34.8	28.0	*	52.2	36.8	*	60.9	43.7	*
PROCEDURES:										
Angioplasty	23	0.0	3.9	*	4.3	4.7	*	4.3	5.7	*
Coronary Artery Bypass Graft	69	8.7	6.0	4.0	8.7	8.5	3.4	10.1	9.8	3.6
Initial Pacemaker Insertion	21	0.0	3.7	*	0.0	7.1	*	4.8	10.0	*
Carotid Endarterectomy	4	0.0	2.0	*	0.0	4.3	*	0.0	6.2	*
Hip Replacement/Reconstruction	83	0.0	2.7	2.5	2.4	5.2	3.5	3.6	7.1	3.9
Open Reduction of Hip Fracture	59	3.4	5.9	3.8	10.2	11.1	4.6	16.9	14.6	5.3
Prostatectomy	80	1.2	0.7	1.2	1.2	1.7	1.5	1.2	2.9	2.2
Cholecystectomy	38	2.6	3.9	*	13.2	6.4	*	13.2	8.3	*
Hysterectomy	24	0.0	0.7	*	0.0	1.5	*	0.0	2.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

AMI ST LUKES HOSPITAL

601 E 19th Ave
Denver, CO 80203

Medicare Provider Number: 060014

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,715	6.9	7.9	1.0	10.9	12.5	1.2	13.7	16.2	1.3
CONDITIONS:										
Acute Myocardial Infarction	50	16.0	25.0	*	22.0	28.6	*	24.0	32.1	*
Congestive Heart Failure	73	8.2	14.8	6.6	20.5	22.8	8.2	26.0	29.5	5.8
Pneumonia/Influenza	44	15.9	17.5	*	15.9	23.8	*	20.5	28.5	*
Chronic Obstructive Pulmonary Disease	9	0.0	5.3	*	0.0	8.8	*	0.0	12.3	*
Transient Cerebral Ischemia	14	0.0	1.4	*	0.0	3.0	*	0.0	4.7	*
Stroke	36	13.9	18.9	*	13.9	24.8	*	19.4	29.1	*
Hip Fracture	44	18.2	7.4	*	22.7	13.2	*	25.0	17.1	*
Sepsis	10	30.0	14.8	*	30.0	20.5	*	30.0	25.3	*
PROCEDURES:										
Angioplasty	24	4.2	4.9	*	4.2	6.1	*	4.2	7.4	*
Coronary Artery Bypass Graft	34	11.8	7.0	*	17.6	10.5	*	17.6	12.6	*
Initial Pacemaker Insertion	25	4.0	3.0	*	8.0	6.4	*	8.0	9.9	*
Carotid Endarterectomy	3	0.0	1.3	*	0.0	2.3	*	0.0	3.4	*
Hip Replacement/Reconstruction	28	3.6	2.9	*	3.6	5.7	*	3.6	7.9	*
Open Reduction of Hip Fracture	22	22.7	6.9	*	31.8	12.8	*	36.4	16.7	*
Prostatectomy	59	0.0	1.3	*	0.0	3.1	*	0.0	5.1	*
Cholecystectomy	17	5.9	3.3	*	11.8	6.1	*	11.8	8.1	*
Hysterectomy	22	0.0	1.9	*	0.0	4.4	*	0.0	6.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	327
Occupancy Rate	62
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	212
Percent of Physicians Board Certified Specialists	78
Medical Residents/Interns	0
Registered Nurses	247
Licensed Practical Nurses	48

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

AMI ST LUKES HOSPITAL

Medicare Provider Number: 060014

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,846	8.6	8.4	0.8	12.9	13.0	1.1	15.4	16.7	1.2
CONDITIONS:										
Acute Myocardial Infarction	54	29.6	29.9	7.4	33.3	33.0	6.6	33.3	36.5	7.0
Congestive Heart Failure	62	14.5	16.5	5.0	25.8	25.2	5.5	38.7	32.1	7.6
Pneumonia/Influenza	57	17.5	16.3	5.0	22.8	21.9	5.9	22.8	26.2	7.2
Chronic Obstructive Pulmonary Disease	29	6.9	10.5	*	20.7	17.4	*	20.7	23.2	*
Transient Cerebral Ischemia	12	0.0	2.0	*	0.0	4.5	*	16.7	7.2	*
Stroke	38	21.1	24.1	*	26.3	30.0	*	26.3	34.6	*
Hip Fracture	54	3.7	6.6	4.2	5.6	12.4	7.2	7.4	16.4	8.6
Sepsis	16	25.0	25.9	*	25.0	32.1	*	37.5	37.4	*
PROCEDURES:										
Angioplasty	31	3.2	4.1	*	3.2	5.3	*	3.2	6.5	*
Coronary Artery Bypass Graft	39	20.5	8.1	*	23.1	11.0	*	25.6	12.6	*
Initial Pacemaker Insertion	11	9.1	3.8	*	9.1	6.5	*	9.1	8.9	*
Carotid Endarterectomy	3	0.0	1.5	*	0.0	2.6	*	0.0	3.9	*
Hip Replacement/Reconstruction	49	0.0	2.7	*	6.1	5.6	*	8.2	8.0	*
Open Reduction of Hip Fracture	25	8.0	5.5	*	12.0	10.9	*	12.0	14.6	*
Prostatectomy	72	2.8	1.1	1.9	4.2	2.7	2.6	5.6	4.4	4.0
Cholecystectomy	11	0.0	2.4	*	0.0	4.0	*	0.0	5.0	*
Hysterectomy	19	5.3	1.8	*	5.3	3.8	*	5.3	5.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,988	8.2	8.0	1.0	12.5	12.7	1.3	15.4	16.3	1.3
CONDITIONS:										
Acute Myocardial Infarction	48	33.3	31.9	*	45.8	35.1	*	45.8	38.5	*
Congestive Heart Failure	71	15.5	16.2	6.2	19.7	24.8	7.4	23.9	31.9	10.3
Pneumonia/Influenza	64	18.8	16.5	5.4	25.0	22.7	6.1	26.6	27.6	5.8
Chronic Obstructive Pulmonary Disease	40	7.5	11.3	*	17.5	19.0	*	22.5	24.7	*
Transient Cerebral Ischemia	19	0.0	2.0	*	0.0	4.2	*	5.3	6.4	*
Stroke	55	16.4	21.7	6.0	18.2	28.2	7.6	20.0	33.1	8.9
Hip Fracture	49	4.1	6.0	*	14.3	10.7	*	20.4	14.0	*
Sepsis	12	16.7	20.7	*	25.0	28.0	*	33.3	33.9	*
PROCEDURES:										
Angioplasty	26	7.7	4.0	*	7.7	4.7	*	11.5	5.7	*
Coronary Artery Bypass Graft	38	7.9	7.8	*	13.2	10.8	*	13.2	12.5	*
Initial Pacemaker Insertion	18	5.6	3.4	*	11.1	6.8	*	16.7	9.9	*
Carotid Endarterectomy	4	0.0	1.8	*	0.0	3.6	*	0.0	5.2	*
Hip Replacement/Reconstruction	49	0.0	2.3	*	6.1	4.3	*	8.2	5.8	*
Open Reduction of Hip Fracture	32	3.1	5.2	*	12.5	10.0	*	21.9	13.4	*
Prostatectomy	67	0.0	0.8	1.2	0.0	1.8	2.3	3.0	3.1	2.3
Cholecystectomy	27	7.4	5.0	*	11.1	10.2	*	14.8	14.3	*
Hysterectomy	18	11.1	1.0	*	11.1	2.3	*	11.1	3.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ARKANSAS VALLEY REGIONAL MEDICAL CENTER

1100 Carson
La Junta, CO 81050

Medicare Provider Number: 060036

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	749	7.3	9.1	1.4	10.9	13.4	1.8	14.0	17.0	2.2
CONDITIONS:										
Acute Myocardial Infarction	24	25.0	24.3	*	25.0	28.0	*	25.0	31.6	*
Congestive Heart Failure	32	6.3	12.9	*	15.6	19.9	*	15.6	26.2	*
Pneumonia/Influenza	37	2.7	12.9	*	10.8	17.9	*	10.8	22.0	*
Chronic Obstructive Pulmonary Disease	6	0.0	8.3	*	0.0	15.2	*	0.0	21.9	*
Transient Cerebral Ischemia	6	0.0	1.3	*	0.0	2.9	*	0.0	4.5	*
Stroke	27	14.8	20.8	*	22.2	26.5	*	29.6	31.0	*
Hip Fracture	26	7.7	5.8	*	7.7	10.7	*	11.5	14.0	*
Sepsis	14	28.6	27.6	*	28.6	34.9	*	28.6	41.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.5	*	0.0	3.2	*	0.0	5.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	4.2	*	0.0	8.1	*	0.0	11.0	*
Open Reduction of Hip Fracture	17	5.9	4.6	*	5.9	8.9	*	11.8	12.0	*
Prostatectomy	69	0.0	1.0	1.5	1.4	2.4	2.0	4.3	4.0	2.4
Cholecystectomy	19	0.0	4.0	*	5.3	6.8	*	5.3	9.0	*
Hysterectomy	5	0.0	2.4	*	0.0	4.9	*	0.0	6.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	218
Occupancy Rate	82
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	24
Percent of Physicians Board Certified Specialists	58
Medical Residents/Interns	0
Registered Nurses	62
Licensed Practical Nurses	20

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ARKANSAS VALLEY REGIONAL MEDICAL CENTER

Medicare Provider Number: 060036

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	752	8.9	9.8	1.2	12.5	14.2	1.6	14.8	17.9	2.0
CONDITIONS:										
Acute Myocardial Infarction	33	15.2	27.0	*	21.2	29.9	*	21.2	33.0	*
Congestive Heart Failure	37	16.2	16.3	*	24.3	24.6	*	29.7	31.4	*
Pneumonia/Influenza	31	6.5	15.1	*	9.7	20.7	*	16.1	25.0	*
Chronic Obstructive Pulmonary Disease	8	0.0	7.3	*	12.5	13.6	*	12.5	19.6	*
Transient Cerebral Ischemia	11	0.0	2.4	*	0.0	5.5	*	9.1	8.8	*
Stroke	20	25.0	25.5	*	30.0	31.5	*	30.0	36.2	*
Hip Fracture	28	7.1	4.9	*	10.7	9.3	*	14.3	12.3	*
Sepsis	11	36.4	30.8	*	36.4	37.2	*	36.4	43.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.1	*	0.0	2.4	*	0.0	3.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	33.3	3.1	*	33.3	6.1	*	33.3	8.3	*
Open Reduction of Hip Fracture	19	0.0	4.3	*	5.3	8.6	*	10.5	11.7	*
Prostatectomy	38	0.0	1.1	*	0.0	2.6	*	2.6	4.3	*
Cholecystectomy	19	5.3	3.6	*	5.3	6.0	*	5.3	7.3	*
Hysterectomy	7	0.0	2.0	*	0.0	3.9	*	0.0	5.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	709	11.0	9.6	1.4	14.2	14.3	1.4	17.1	18.2	1.6
CONDITIONS:										
Acute Myocardial Infarction	23	34.8	30.0	*	34.8	33.3	*	34.8	36.8	*
Congestive Heart Failure	58	17.2	15.5	5.6	24.1	23.6	7.9	32.8	30.5	9.8
Pneumonia/Influenza	22	27.3	17.5	*	27.3	23.5	*	27.3	28.2	*
Chronic Obstructive Pulmonary Disease	11	9.1	13.0	*	18.2	19.9	*	18.2	25.1	*
Transient Cerebral Ischemia	4	0.0	1.9	*	0.0	3.9	*	0.0	6.1	*
Stroke	15	40.0	19.9	*	40.0	25.8	*	40.0	30.5	*
Hip Fracture	31	9.7	5.5	*	9.7	10.1	*	16.1	13.3	*
Sepsis	9	44.4	26.5	*	44.4	33.1	*	44.4	38.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	4.0	*	0.0	6.9	*	0.0	9.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	3.5	*	0.0	7.1	*	0.0	9.8	*
Open Reduction of Hip Fracture	18	0.0	5.0	*	0.0	9.7	*	5.6	12.9	*
Prostatectomy	60	0.0	1.3	1.9	0.0	3.1	3.7	3.3	5.2	3.3
Cholecystectomy	14	0.0	2.7	*	0.0	4.6	*	14.3	5.7	*
Hysterectomy	7	0.0	0.7	*	0.0	1.5	*	0.0	2.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ASPEN VALLEY HOSPITAL

0401 Castle Creek Rd
Aspen, CO 81611

Medicare Provider Number: 060057

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	79	6.3	7.9	3.2	7.6	11.7	4.5	11.4	14.8	4.8
CONDITIONS:										
Acute Myocardial Infarction	4	0.0	16.2	*	0.0	19.5	*	0.0	22.8	*
Congestive Heart Failure	5	20.0	14.0	*	20.0	22.0	*	20.0	28.9	*
Pneumonia/Influenza	3	0.0	10.2	*	0.0	13.7	*	0.0	17.0	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	1	0.0	19.6	*	0.0	28.8	*	100.0	34.0	*
Hip Fracture	4	0.0	4.8	*	0.0	8.6	*	0.0	11.5	*
Sepsis	2	0.0	21.9	*	0.0	25.9	*	0.0	31.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	3	0.0	4.2	*	0.0	7.8	*	0.0	10.3	*
Prostatectomy	0									
Cholecystectomy	2	0.0	4.3	*	0.0	6.5	*	0.0	7.6	*
Hysterectomy	1	0.0	0.2	*	0.0	0.4	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	49
Occupancy Rate	27
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	21
Percent of Physicians Board Certified Specialists	71
Medical Residents/Interns	0
Registered Nurses	58
Licensed Practical Nurses	2

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

ASPEN VALLEY HOSPITAL

Medicare Provider Number: 060057

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	59	0.0	6.7	4.7	3.4	9.7	5.2	5.1	12.1	6.0
CONDITIONS:										
Acute Myocardial Infarction	4	0.0	29.8	*	25.0	32.2	*	25.0	35.3	*
Congestive Heart Failure	1	0.0	15.5	*	0.0	23.1	*	0.0	29.8	*
Pneumonia/Influenza	4	0.0	10.8	*	0.0	14.8	*	0.0	18.0	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	1	0.0	16.3	*	0.0	21.6	*	0.0	26.0	*
Hip Fracture	2	0.0	4.0	*	50.0	7.2	*	50.0	9.6	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	3.5	*	0.0	6.1	*	0.0	7.8	*
Prostatectomy	5	0.0	1.2	*	0.0	3.1	*	0.0	5.3	*
Cholecystectomy	1	0.0	0.9	*	0.0	1.6	*	0.0	2.1	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	63	3.2	7.6	5.8	4.8	11.0	6.8	7.9	13.8	7.0
CONDITIONS:										
Acute Myocardial Infarction	2	0.0	16.5	*	0.0	18.9	*	0.0	21.5	*
Congestive Heart Failure	4	0.0	11.5	*	0.0	17.3	*	0.0	22.6	*
Pneumonia/Influenza	2	0.0	16.3	*	0.0	23.6	*	100.0	29.8	*
Chronic Obstructive Pulmonary Disease	2	0.0	6.1	*	0.0	9.3	*	0.0	12.0	*
Transient Cerebral Ischemia	0									
Stroke	1	0.0	15.6	*	0.0	21.5	*	0.0	25.2	*
Hip Fracture	3	33.3	6.2	*	33.3	10.1	*	33.3	12.8	*
Sepsis	1	0.0	31.6	*	0.0	43.4	*	0.0	54.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	3	33.3	5.4	*	33.3	9.3	*	33.3	11.9	*
Prostatectomy	0									
Cholecystectomy	1	0.0	1.9	*	0.0	3.3	*	0.0	4.2	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

BETH ISRAEL HEALTH CARE CENTER

1601 Lowell Blvd
Denver, CO 80204

Medicare Provider Number: 060019

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	37	2.7	1.8	*	8.1	4.4	*	8.1	7.5	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1986

Total Beds	157
Ownership/Control	Private, Non-Profit
STAFFING:	
Medical Residents/Interns	0
Registered Nurses	70
Licensed Practical Nurses	7

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	Yes
Hospice	No
Intensive Care Unit	Yes
Organ Transplant	No
Rehabilitation	No
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

BETH ISRAEL HEALTH CARE CENTER

Medicare Provider Number: 060019

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	59	1.7	1.8	3.1	5.1	4.5	3.3	8.5	7.7	3.5
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	1	0.0	1.7	*	0.0	3.4	*	0.0	4.7	*
Sepsis	0									
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	956	13.4	10.9	1.4	19.8	16.7	1.6	25.1	21.1	2.0
CONDITIONS:										
Acute Myocardial Infarction	18	11.1	25.7	*	27.8	29.0	*	27.8	32.1	*
Congestive Heart Failure	39	17.9	16.1	*	25.6	24.3	*	30.8	31.0	*
Pneumonia/Influenza	103	23.3	20.2	4.8	26.2	27.3	4.5	32.0	32.8	4.7
Chronic Obstructive Pulmonary Disease	24	16.7	8.1	*	16.7	14.5	*	33.3	20.0	*
Transient Cerebral Ischemia	16	6.3	2.3	*	6.3	4.9	*	6.3	7.9	*
Stroke	24	37.5	24.2	*	45.8	31.4	*	45.8	36.3	*
Hip Fracture	48	2.1	7.0	*	16.7	12.5	*	16.7	16.1	*
Sepsis	6	33.3	38.5	*	50.0	46.4	*	83.3	53.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	20.0	5.0	*	40.0	8.4	*	40.0	10.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	28	0.0	5.8	*	14.3	11.0	*	14.3	14.8	*
Open Reduction of Hip Fracture	22	0.0	6.0	*	13.6	11.4	*	13.6	15.1	*
Prostatectomy	51	3.9	1.4	2.8	3.9	3.4	2.9	5.9	5.7	3.3
Cholecystectomy	20	10.0	7.8	*	15.0	12.6	*	15.0	15.3	*
Hysterectomy	7	0.0	3.0	*	0.0	6.7	*	14.3	10.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

BOULDER COMMUNITY HOSPITAL-MAPLETON SITE

311 Mapleton Ave
Boulder, CO 80302

Medicare Provider Number: 060027

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	1,337	7.9	9.1	1.2	13.3	13.9	1.8	16.0	17.8	1.6
CONDITIONS:										
Acute Myocardial Infarction	44	27.3	26.7	*	27.3	29.9	*	27.3	33.3	*
Congestive Heart Failure	59	8.5	13.4	6.1	22.0	20.1	7.5	22.0	26.2	6.4
Pneumonia/Influenza	56	17.9	15.4	5.7	25.0	21.2	8.3	28.6	25.8	7.0
Chronic Obstructive Pulmonary Disease	23	4.3	6.6	*	4.3	11.6	*	8.7	16.0	*
Transient Cerebral Ischemia	12	0.0	2.6	*	0.0	6.0	*	0.0	9.7	*
Stroke	49	10.2	19.0	*	16.3	24.5	*	18.4	28.7	*
Hip Fracture	76	3.9	7.1	4.0	13.2	12.9	3.9	17.1	16.9	4.3
Sepsis	9	33.3	24.6	*	55.6	33.5	*	88.9	39.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	15	0.0	3.2	*	0.0	5.7	*	0.0	8.0	*
Carotid Endarterectomy	5	0.0	1.6	*	0.0	2.9	*	0.0	4.3	*
Hip Replacement/Reconstruction	48	4.2	3.3	*	6.3	6.2	*	6.3	8.4	*
Open Reduction of Hip Fracture	39	2.6	7.0	*	12.8	13.3	*	20.5	17.8	*
Prostatectomy	83	2.4	1.2	1.6	2.4	3.0	1.9	3.6	5.1	2.9
Cholecystectomy	41	2.4	2.6	*	7.3	4.4	*	9.8	5.6	*
Hysterectomy	11	0.0	4.1	*	0.0	7.7	*	0.0	10.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	217
Occupancy Rate	62
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	360
Percent of Physicians Board Certified Specialists	66
Medical Residents/Interns	0
Registered Nurses	278
Licensed Practical Nurses	6

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

BOULDER COMMUNITY HOSPITAL-MAPLETON SITE

Medicare Provider Number: 060027

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,038	9.5	9.3	1.0	14.3	13.9	1.2	17.6	17.6	1.2
CONDITIONS:										
Acute Myocardial Infarction	28	39.3	32.2	*	39.3	36.6	*	39.3	40.6	*
Congestive Heart Failure	47	10.6	15.2	*	25.5	23.3	*	29.8	29.7	*
Pneumonia/Influenza	53	11.3	17.7	10.3	17.0	23.8	9.8	24.5	28.5	7.8
Chronic Obstructive Pulmonary Disease	29	13.8	8.2	*	20.7	14.3	*	24.1	19.8	*
Transient Cerebral Ischemia	6	0.0	2.0	*	0.0	4.5	*	0.0	7.3	*
Stroke	45	33.3	23.5	*	35.6	30.2	*	35.6	35.0	*
Hip Fracture	43	7.0	6.3	*	9.3	11.4	*	11.6	14.8	*
Sepsis	10	40.0	20.9	*	50.0	27.3	*	50.0	32.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	5.1	*	0.0	10.3	*	14.3	14.6	*
Carotid Endarterectomy	1	0.0	1.2	*	0.0	2.5	*	0.0	3.9	*
Hip Replacement/Reconstruction	24	4.2	4.4	*	4.2	8.0	*	4.2	10.4	*
Open Reduction of Hip Fracture	26	7.7	5.1	*	11.5	9.8	*	11.5	13.0	*
Prostatectomy	62	0.0	0.8	1.7	1.6	1.9	2.7	4.8	3.2	3.6
Cholecystectomy	30	3.3	2.5	*	6.7	4.4	*	10.0	5.6	*
Hysterectomy	11	0.0	1.5	*	0.0	3.2	*	0.0	4.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,125	9.6	8.9	1.0	14.1	13.4	1.2	17.2	17.2	1.1
CONDITIONS:										
Acute Myocardial Infarction	48	33.3	31.8	*	37.5	35.1	*	37.5	38.6	*
Congestive Heart Failure	51	13.7	14.9	5.1	21.6	22.9	6.0	31.4	29.7	6.5
Pneumonia/Influenza	59	16.9	16.3	4.9	16.9	22.6	6.3	20.3	27.6	7.3
Chronic Obstructive Pulmonary Disease	23	21.7	10.5	*	21.7	17.2	*	21.7	22.5	*
Transient Cerebral Ischemia	11	0.0	1.7	*	0.0	3.6	*	0.0	5.7	*
Stroke	38	21.1	20.1	*	28.9	26.5	*	36.8	31.2	*
Hip Fracture	45	8.9	6.0	*	15.6	11.3	*	17.8	15.1	*
Sepsis	11	9.1	24.0	*	18.2	31.1	*	18.2	36.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	0.0	5.1	*	10.0	9.1	*	10.0	12.3	*
Carotid Endarterectomy	4	0.0	1.6	*	0.0	3.4	*	0.0	5.2	*
Hip Replacement/Reconstruction	24	8.3	4.1	*	8.3	7.8	*	8.3	10.5	*
Open Reduction of Hip Fracture	24	4.2	4.3	*	16.7	8.6	*	16.7	11.8	*
Prostatectomy	53	1.9	1.1	2.2	1.9	2.8	3.1	3.8	4.7	4.3
Cholecystectomy	23	0.0	3.5	*	4.3	6.6	*	4.3	8.7	*
Hysterectomy	4	0.0	0.5	*	0.0	0.8	*	0.0	1.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

BOULDER MEMORIAL HOSPITAL

311 Mapleton Ave
Boulder, CO 80302

Medicare Provider Number: 060051

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	157	9.6	8.1	3.1	14.0	12.5	3.1	16.6	15.9	3.2
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	28.4	*	0.0	29.6	*	0.0	31.2	*
Congestive Heart Failure	1	0.0	25.0	*	100.0	38.5	*	100.0	49.1	*
Pneumonia/Influenza	8	50.0	16.1	*	50.0	21.5	*	50.0	26.0	*
Chronic Obstructive Pulmonary Disease	1	0.0	6.7	*	0.0	10.6	*	0.0	14.3	*
Transient Cerebral Ischemia	3	0.0	2.1	*	0.0	4.7	*	0.0	7.6	*
Stroke	11	18.2	22.9	*	36.4	30.9	*	36.4	35.4	*
Hip Fracture	6	0.0	5.9	*	16.7	10.7	*	16.7	14.1	*
Sepsis	5	20.0	25.9	*	20.0	36.4	*	40.0	42.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	9.5	*	0.0	19.5	*	0.0	27.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	0.8	*	0.0	1.6	*	0.0	2.2	*
Open Reduction of Hip Fracture	3	0.0	7.1	*	33.3	13.2	*	33.3	17.5	*
Prostatectomy	7	0.0	0.5	*	0.0	1.2	*	0.0	2.1	*
Cholecystectomy	3	0.0	1.3	*	0.0	2.2	*	0.0	2.8	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1988

Total Beds	93
Ownership/Control	Church
STAFFING:	
Medical Residents/Interns	0
Registered Nurses	89
Licensed Practical Nurses	11

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	Yes
Hospice	Yes
Intensive Care Unit	Yes
Organ Transplant	No
Rehabilitation	Yes
Shock Trauma	Yes

**** Not used in calculating hospital mortality rates.**

BOULDER MEMORIAL HOSPITAL

Medicare Provider Number: 060051

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	426	6.8	8.4	2.1	11.3	12.8	2.8	14.1	16.4	3.0
CONDITIONS:										
Acute Myocardial Infarction	11	36.4	31.4	*	36.4	36.1	*	36.4	40.1	*
Congestive Heart Failure	15	13.3	19.0	*	20.0	27.7	*	20.0	34.6	*
Pneumonia/Influenza	14	21.4	18.7	*	35.7	26.0	*	35.7	31.5	*
Chronic Obstructive Pulmonary Disease	13	0.0	8.1	*	0.0	13.7	*	0.0	18.8	*
Transient Cerebral Ischemia	2	0.0	1.2	*	0.0	2.5	*	0.0	3.9	*
Stroke	16	31.3	24.3	*	37.5	32.2	*	43.8	37.3	*
Hip Fracture	23	4.3	8.0	*	13.0	14.5	*	17.4	18.6	*
Sepsis	1	0.0	16.2	*	0.0	21.9	*	0.0	26.3	*
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	2.5	*	33.3	5.7	*	33.3	9.1	*
Carotid Endarterectomy	3	0.0	1.7	*	0.0	3.5	*	0.0	4.8	*
Hip Replacement/Reconstruction	18	0.0	2.1	*	5.6	4.3	*	11.1	6.0	*
Open Reduction of Hip Fracture	15	6.7	7.3	*	13.3	13.7	*	20.0	17.8	*
Prostatectomy	21	4.8	1.3	*	9.5	3.2	*	9.5	5.4	*
Cholecystectomy	10	0.0	3.9	*	10.0	8.0	*	10.0	11.2	*
Hysterectomy	2	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	358	5.6	7.2	1.6	7.8	11.1	2.3	10.9	14.4	2.5
CONDITIONS:										
Acute Myocardial Infarction	9	11.1	25.8	*	11.1	29.0	*	11.1	32.2	*
Congestive Heart Failure	24	8.3	16.2	*	12.5	24.6	*	20.8	31.5	*
Pneumonia/Influenza	10	40.0	15.9	*	40.0	21.9	*	40.0	27.0	*
Chronic Obstructive Pulmonary Disease	5	0.0	10.1	*	0.0	14.7	*	20.0	18.7	*
Transient Cerebral Ischemia	4	0.0	1.1	*	0.0	2.4	*	0.0	3.8	*
Stroke	7	0.0	24.4	*	14.3	32.4	*	14.3	37.6	*
Hip Fracture	10	0.0	5.7	*	0.0	10.6	*	0.0	14.0	*
Sepsis	3	33.3	35.2	*	33.3	47.3	*	33.3	54.4	*
PROCEDURES:										
Angioplasty	3	0.0	1.4	*	0.0	2.4	*	0.0	3.3	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	4.4	*	0.0	9.0	*	0.0	13.0	*
Carotid Endarterectomy	2	0.0	2.1	*	0.0	3.8	*	0.0	5.5	*
Hip Replacement/Reconstruction	11	0.0	0.9	*	0.0	1.8	*	0.0	2.5	*
Open Reduction of Hip Fracture	3	0.0	4.2	*	0.0	8.5	*	0.0	11.6	*
Prostatectomy	12	0.0	0.8	*	0.0	2.2	*	0.0	3.9	*
Cholecystectomy	10	0.0	2.5	*	0.0	3.6	*	0.0	4.3	*
Hysterectomy	3	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

BOWLING GREEN OF COLORADO

1920 High St
Denver, CO 80218

Medicare Provider Number: 060092

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	15	0.0	0.5	*	0.0	1.4	*	0.0	2.5	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1986

Total Beds	60
Ownership/Control	Private, For Profit
STAFFING:	
Medical Residents/Interns	0
Registered Nurses	10
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	No
Hospice	No
Intensive Care Unit	No
Organ Transplant	No
Rehabilitation	No
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

BOWLING GREEN OF COLORADO

Medicare Provider Number: 060092

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	26	0.0	1.0	*	0.0	1.9	*	0.0	2.8	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	25	0.0	0.9	*	0.0	2.0	*	0.0	3.1	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

CHEYENNE COUNTY HOSPITAL

602 W 6th North
Cheyenne Wells, CO 80810

Medicare Provider Number: 060043

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	58	10.3	8.9	4.6	17.2	13.9	5.3	17.2	18.2	5.2
CONDITIONS:										
Acute Myocardial Infarction	1	100.0	31.5	*	100.0	34.4	*	100.0	37.7	*
Congestive Heart Failure	2	0.0	14.5	*	0.0	23.0	*	0.0	30.2	*
Pneumonia/Influenza	9	22.2	15.1	*	33.3	20.8	*	33.3	25.7	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	0.0	2.1	*	100.0	5.2	*	100.0	8.6	*
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	32
Occupancy Rate	22
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	2
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	6
Licensed Practical Nurses	1

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

CHEYENNE COUNTY HOSPITAL

Medicare Provider Number: 060043

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	54	9.3	15.8	5.9	13.0	22.0	7.5	16.7	26.7	8.7
CONDITIONS:										
Acute Myocardial Infarction	5	20.0	24.2	*	20.0	26.7	*	20.0	30.1	*
Congestive Heart Failure	5	0.0	15.6	*	0.0	23.3	*	0.0	29.7	*
Pneumonia/Influenza	7	14.3	16.8	*	14.3	23.9	*	14.3	29.3	*
Chronic Obstructive Pulmonary Disease	1	0.0	1.9	*	0.0	3.8	*	0.0	5.3	*
Transient Cerebral Ischemia	3	0.0	1.6	*	0.0	3.6	*	0.0	5.9	*
Stroke	0									
Hip Fracture	0									
Sepsis	2	0.0	23.6	*	0.0	41.3	*	50.0	50.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	33	15.2	12.7	*	18.2	18.2	*	24.2	22.6	*
CONDITIONS:										
Acute Myocardial Infarction	4	0.0	28.4	*	25.0	33.2	*	25.0	38.3	*
Congestive Heart Failure	1	0.0	10.3	*	0.0	15.7	*	0.0	21.0	*
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	1	0.0	3.0	*	0.0	6.0	*	0.0	8.9	*
Transient Cerebral Ischemia	1	0.0	1.2	*	0.0	2.5	*	100.0	4.0	*
Stroke	0									
Hip Fracture	1	100.0	8.0	*	100.0	15.5	*	100.0	20.7	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

CLAGETT MEMORIAL HOSPITAL

707 East Fifth St Box 72
Rifle, CO 81650

Medicare Provider Number: 060042

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	86	4.7	10.5	5.6	11.6	14.7	5.4	14.0	18.4	6.2
CONDITIONS:										
Acute Myocardial Infarction	7	14.3	24.0	*	14.3	26.9	*	14.3	30.4	*
Congestive Heart Failure	5	0.0	11.3	*	0.0	17.7	*	0.0	23.4	*
Pneumonia/Influenza	13	0.0	12.5	*	23.1	17.3	*	23.1	21.2	*
Chronic Obstructive Pulmonary Disease	1	0.0	7.1	*	0.0	13.1	*	100.0	18.6	*
Transient Cerebral Ischemia	0									
Stroke	3	33.3	40.6	*	33.3	47.3	*	33.3	52.7	*
Hip Fracture	0									
Sepsis	1	0.0	34.1	*	0.0	41.8	*	100.0	49.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	89
Occupancy Rate	66
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	4
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	11
Licensed Practical Nurses	0

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

CLAGETT MEMORIAL HOSPITAL

Medicare Provider Number: 060042

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	103	10.7	11.2	3.5	18.4	16.1	4.2	22.3	20.3	4.5
CONDITIONS:										
Acute Myocardial Infarction	9	22.2	28.1	*	22.2	30.8	*	22.2	34.3	*
Congestive Heart Failure	6	0.0	12.9	*	16.7	19.8	*	16.7	25.8	*
Pneumonia/Influenza	16	18.8	14.2	*	25.0	19.3	*	25.0	23.5	*
Chronic Obstructive Pulmonary Disease	3	0.0	8.6	*	0.0	13.4	*	33.3	17.9	*
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	4	50.0	24.3	*	50.0	29.4	*	50.0	34.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	96	13.5	11.6	5.4	19.8	16.4	5.2	25.0	20.2	6.1
CONDITIONS:										
Acute Myocardial Infarction	2	50.0	23.2	*	50.0	26.0	*	50.0	28.9	*
Congestive Heart Failure	7	28.6	24.4	*	28.6	33.1	*	42.9	40.5	*
Pneumonia/Influenza	17	11.8	16.6	*	29.4	23.5	*	35.3	28.7	*
Chronic Obstructive Pulmonary Disease	4	0.0	12.3	*	50.0	18.4	*	50.0	22.8	*
Transient Cerebral Ischemia	1	0.0	1.3	*	0.0	2.5	*	0.0	3.9	*
Stroke	3	0.0	20.7	*	0.0	26.7	*	0.0	31.4	*
Hip Fracture	0									
Sepsis	2	50.0	13.7	*	50.0	18.6	*	50.0	22.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	4	0.0	1.3	*	0.0	2.8	*	0.0	3.9	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

COMMUNITY HOSPITAL

P O Box 220
Grand Junction, CO 81501

Medicare Provider Number: 060054

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	485	8.0	8.6	1.4	12.8	12.5	1.7	14.4	15.5	2.0
CONDITIONS:										
Acute Myocardial Infarction	13	46.2	28.2	*	46.2	30.9	*	46.2	34.0	*
Congestive Heart Failure	13	23.1	14.5	*	38.5	21.1	*	53.8	27.3	*
Pneumonia/Influenza	17	11.8	15.5	*	11.8	20.9	*	11.8	25.3	*
Chronic Obstructive Pulmonary Disease	11	0.0	13.5	*	0.0	21.7	*	0.0	28.2	*
Transient Cerebral Ischemia	7	0.0	1.9	*	0.0	4.2	*	14.3	6.6	*
Stroke	18	33.3	18.5	*	44.4	25.4	*	44.4	29.9	*
Hip Fracture	15	6.7	5.2	*	6.7	9.3	*	13.3	12.3	*
Sepsis	10	30.0	23.2	*	30.0	28.4	*	30.0	33.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	15	0.0	2.0	*	0.0	3.8	*	6.7	5.2	*
Open Reduction of Hip Fracture	5	20.0	5.8	*	20.0	10.7	*	20.0	14.0	*
Prostatectomy	38	0.0	1.2	*	2.6	2.4	*	2.6	3.7	*
Cholecystectomy	16	0.0	3.3	*	6.3	5.6	*	6.3	6.8	*
Hysterectomy	7	0.0	0.3	*	0.0	0.6	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1988

Total Beds	78
Ownership/Control	Private, Non-Profit

STAFFING:

Medical Residents/Interns	0
Registered Nurses	55
Licensed Practical Nurses	7

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	No
Hospice	No
Intensive Care Unit	Yes
Organ Transplant	No
Rehabilitation	No
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

COMMUNITY HOSPITAL

Medicare Provider Number: 060054

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	499	8.4	8.5	1.8	13.8	12.2	2.1	15.4	15.4	1.7
CONDITIONS:										
Acute Myocardial Infarction	19	47.4	33.3	*	47.4	36.5	*	47.4	39.9	*
Congestive Heart Failure	18	27.8	15.0	*	27.8	21.4	*	27.8	27.5	*
Pneumonia/Influenza	24	8.3	18.1	*	25.0	23.9	*	25.0	28.2	*
Chronic Obstructive Pulmonary Disease	10	0.0	10.1	*	30.0	18.0	*	30.0	24.5	*
Transient Cerebral Ischemia	4	0.0	2.0	*	0.0	4.3	*	0.0	6.7	*
Stroke	14	28.6	22.4	*	28.6	28.7	*	35.7	33.2	*
Hip Fracture	14	0.0	6.8	*	7.1	12.1	*	7.1	15.5	*
Sepsis	10	20.0	34.8	*	30.0	41.4	*	40.0	47.4	*
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	0.8	*	0.0	1.7	*	0.0	2.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	11	0.0	1.0	*	0.0	2.1	*	0.0	2.8	*
Open Reduction of Hip Fracture	6	0.0	8.4	*	16.7	15.8	*	16.7	20.7	*
Prostatectomy	32	0.0	1.4	*	0.0	2.3	*	0.0	3.3	*
Cholecystectomy	15	0.0	1.7	*	6.7	3.1	*	13.3	4.3	*
Hysterectomy	5	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	451	6.7	7.7	1.5	11.3	11.6	1.6	14.0	14.9	2.3
CONDITIONS:										
Acute Myocardial Infarction	16	31.3	32.0	*	31.3	35.9	*	31.3	39.6	*
Congestive Heart Failure	17	5.9	14.6	*	11.8	21.2	*	17.6	27.5	*
Pneumonia/Influenza	13	7.7	13.6	*	15.4	18.7	*	23.1	23.1	*
Chronic Obstructive Pulmonary Disease	12	16.7	11.7	*	16.7	19.2	*	16.7	24.6	*
Transient Cerebral Ischemia	4	0.0	1.8	*	0.0	3.9	*	0.0	6.2	*
Stroke	9	22.2	22.5	*	22.2	29.5	*	22.2	34.4	*
Hip Fracture	14	0.0	7.9	*	7.1	14.3	*	14.3	18.3	*
Sepsis	9	11.1	27.2	*	44.4	35.3	*	55.6	41.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	0.0	3.0	*	0.0	6.6	*	0.0	10.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	13	0.0	5.8	*	7.7	10.8	*	15.4	14.0	*
Open Reduction of Hip Fracture	1	0.0	5.9	*	0.0	12.1	*	0.0	16.4	*
Prostatectomy	28	3.6	1.2	*	10.7	3.1	*	10.7	5.2	*
Cholecystectomy	13	7.7	2.6	*	7.7	4.5	*	7.7	5.5	*
Hysterectomy	3	0.0	0.3	*	0.0	0.5	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

CONEJOS COUNTY HOSPITAL

P O Box 639
La Jara, CO 81140

Medicare Provider Number: 060060

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	164	6.1	9.7	3.8	12.2	14.0	4.9	13.4	17.5	3.8
CONDITIONS:										
Acute Myocardial Infarction	3	0.0	25.5	*	0.0	28.0	*	0.0	31.7	*
Congestive Heart Failure	0									
Pneumonia/Influenza	24	8.3	14.0	*	16.7	19.6	*	16.7	24.0	*
Chronic Obstructive Pulmonary Disease	12	8.3	6.0	*	8.3	11.0	*	8.3	15.5	*
Transient Cerebral Ischemia	0									
Stroke	5	0.0	29.0	*	40.0	36.6	*	40.0	42.4	*
Hip Fracture	0									
Sepsis	6	0.0	36.0	*	0.0	42.7	*	16.7	49.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	9	0.0	1.0	*	0.0	2.4	*	0.0	3.9	*
Cholecystectomy	2	0.0	1.8	*	0.0	2.8	*	0.0	3.8	*
Hysterectomy	4	0.0	0.5	*	0.0	0.8	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	49
Occupancy Rate	63
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	6
Percent of Physicians Board Certified Specialists	50
Medical Residents/Interns	0
Registered Nurses	6
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

CONEJOS COUNTY HOSPITAL

Medicare Provider Number: 060060

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	139	7.9	8.5	3.2	9.4	13.0	5.0	12.2	16.8	6.4
CONDITIONS:										
Acute Myocardial Infarction	5	40.0	29.0	*	40.0	33.7	*	40.0	38.4	*
Congestive Heart Failure	8	12.5	12.3	*	12.5	19.1	*	12.5	24.9	*
Pneumonia/Influenza	16	0.0	12.5	*	0.0	17.9	*	12.5	22.1	*
Chronic Obstructive Pulmonary Disease	3	0.0	5.9	*	0.0	10.8	*	0.0	15.3	*
Transient Cerebral Ischemia	1	0.0	1.9	*	0.0	4.3	*	0.0	6.9	*
Stroke	4	0.0	15.2	*	0.0	20.8	*	0.0	25.0	*
Hip Fracture	0									
Sepsis	1	0.0	38.0	*	0.0	42.2	*	0.0	47.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	4	0.0	0.8	*	0.0	1.9	*	0.0	3.1	*
Cholecystectomy	9	0.0	2.3	*	0.0	4.2	*	0.0	5.7	*
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	142	13.4	12.1	3.2	18.3	17.3	3.4	20.4	21.4	3.6
CONDITIONS:										
Acute Myocardial Infarction	6	16.7	21.6	*	33.3	24.5	*	33.3	28.0	*
Congestive Heart Failure	5	0.0	13.2	*	0.0	21.9	*	0.0	29.1	*
Pneumonia/Influenza	10	20.0	20.7	*	30.0	28.5	*	30.0	34.3	*
Chronic Obstructive Pulmonary Disease	8	12.5	10.7	*	12.5	19.3	*	12.5	26.2	*
Transient Cerebral Ischemia	0									
Stroke	5	0.0	16.9	*	0.0	22.3	*	0.0	26.7	*
Hip Fracture	1	0.0	3.9	*	0.0	7.0	*	0.0	9.1	*
Sepsis	6	0.0	29.8	*	0.0	39.6	*	16.7	47.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	3.3	*	0.0	6.3	*	0.0	8.5	*
Prostatectomy	3	0.0	1.3	*	0.0	3.4	*	0.0	6.0	*
Cholecystectomy	4	0.0	1.5	*	0.0	2.7	*	0.0	3.5	*
Hysterectomy	1	0.0	0.2	*	0.0	0.4	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

CRAIG HOSPITAL

3425 South Clarkson
Englewood, CO 80110

Medicare Provider Number: 060101

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	66	1.5	1.5	1.5	1.5	2.6	2.2	1.5	3.7	2.9
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	80
Occupancy Rate	81
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	11
Percent of Physicians Board Certified Specialists	73
Medical Residents/Interns	0
Registered Nurses	40
Licensed Practical Nurses	17

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

CRAIG HOSPITAL

Medicare Provider Number: 060101

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	92	0.0	1.0	1.4	1.1	1.9	1.6	1.1	2.8	2.3
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	63	0.0	1.9	2.8	1.6	3.4	3.9	1.6	4.8	4.4
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

DELTA COUNTY MEMORIAL HOSPITAL

100 Stafford Ln
Delta, CO 81416

Medicare Provider Number: 060071

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	594	8.1	9.0	1.9	11.8	13.3	2.7	14.8	16.7	2.8
CONDITIONS:										
Acute Myocardial Infarction	28	32.1	28.2	*	32.1	31.3	*	35.7	34.7	*
Congestive Heart Failure	13	0.0	15.0	*	0.0	23.4	*	30.8	30.2	*
Pneumonia/Influenza	54	9.3	18.5	8.8	14.8	25.2	9.6	20.4	30.4	9.2
Chronic Obstructive Pulmonary Disease	10	10.0	4.3	*	20.0	8.1	*	30.0	11.6	*
Transient Cerebral Ischemia	1	0.0	5.0	*	0.0	12.8	*	0.0	20.8	*
Stroke	15	33.3	20.4	*	33.3	28.9	*	33.3	34.6	*
Hip Fracture	1	0.0	14.0	*	0.0	22.7	*	0.0	27.4	*
Sepsis	4	25.0	29.7	*	25.0	33.9	*	25.0	38.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	5.1	*	0.0	8.7	*	0.0	11.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	25	0.0	0.5	*	0.0	1.2	*	4.0	2.1	*
Cholecystectomy	33	6.1	2.2	*	6.1	3.8	*	9.1	4.8	*
Hysterectomy	16	0.0	1.2	*	0.0	2.4	*	0.0	3.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	42
Occupancy Rate	47
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	21
Percent of Physicians Board Certified Specialists	95
Medical Residents/Interns	0
Registered Nurses	48
Licensed Practical Nurses	14

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

DELTA COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 060071

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	680	9.3	8.5	1.3	11.9	12.5	1.4	13.7	15.7	1.8
CONDITIONS:										
Acute Myocardial Infarction	36	33.3	31.9	*	33.3	35.6	*	36.1	39.7	*
Congestive Heart Failure	20	25.0	14.5	*	25.0	21.9	*	35.0	28.3	*
Pneumonia/Influenza	49	16.3	16.7	*	20.4	22.8	*	22.4	27.4	*
Chronic Obstructive Pulmonary Disease	10	20.0	5.6	*	20.0	12.5	*	20.0	18.7	*
Transient Cerebral Ischemia	2	0.0	2.9	*	0.0	6.0	*	0.0	9.5	*
Stroke	10	10.0	18.8	*	10.0	26.7	*	10.0	32.2	*
Hip Fracture	24	4.2	6.2	*	8.3	11.7	*	12.5	15.5	*
Sepsis	7	14.3	26.7	*	14.3	32.6	*	14.3	38.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	2.2	*	0.0	4.4	*	0.0	6.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	19	0.0	2.4	*	0.0	4.5	*	0.0	6.0	*
Open Reduction of Hip Fracture	12	8.3	6.1	*	8.3	12.2	*	16.7	16.6	*
Prostatectomy	29	0.0	0.6	*	0.0	1.4	*	0.0	2.3	*
Cholecystectomy	31	9.7	2.1	*	9.7	3.9	*	9.7	5.2	*
Hysterectomy	6	0.0	0.5	*	0.0	1.0	*	0.0	1.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	549	8.6	8.2	1.6	14.6	11.9	2.2	17.3	14.9	2.6
CONDITIONS:										
Acute Myocardial Infarction	27	22.2	32.4	*	29.6	36.1	*	33.3	39.8	*
Congestive Heart Failure	18	11.1	15.9	*	38.9	23.9	*	38.9	30.6	*
Pneumonia/Influenza	28	28.6	17.4	*	46.4	24.1	*	46.4	29.2	*
Chronic Obstructive Pulmonary Disease	8	0.0	5.9	*	0.0	10.7	*	0.0	14.6	*
Transient Cerebral Ischemia	2	0.0	1.5	*	0.0	3.2	*	0.0	5.1	*
Stroke	10	10.0	17.6	*	30.0	25.4	*	30.0	30.3	*
Hip Fracture	23	4.3	4.7	*	4.3	8.9	*	8.7	11.8	*
Sepsis	12	58.3	24.8	*	58.3	31.8	*	58.3	37.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	5.5	*	0.0	8.4	*	0.0	10.8	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	17	5.9	2.6	*	5.9	5.1	*	5.9	7.0	*
Open Reduction of Hip Fracture	13	0.0	4.3	*	0.0	8.5	*	7.7	11.4	*
Prostatectomy	30	0.0	0.6	*	3.3	1.5	*	6.7	2.5	*
Cholecystectomy	18	11.1	4.9	*	11.1	8.2	*	16.7	9.9	*
Hysterectomy	10	0.0	0.5	*	0.0	1.1	*	0.0	1.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

DENVER GENERAL HOSPITAL

777 Bannock
Denver, CO 80204

Medicare Provider Number: 060011

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	855	10.1	7.4	1.3	13.8	11.3	1.4	15.9	14.5	1.4
CONDITIONS:										
Acute Myocardial Infarction	23	39.1	23.9	*	39.1	26.4	*	43.5	29.4	*
Congestive Heart Failure	38	2.6	13.4	*	13.2	20.7	*	18.4	27.0	*
Pneumonia/Influenza	26	15.4	16.0	*	23.1	22.1	*	26.9	26.8	*
Chronic Obstructive Pulmonary Disease	21	0.0	7.1	*	4.8	12.6	*	4.8	17.4	*
Transient Cerebral Ischemia	8	0.0	1.4	*	0.0	3.0	*	0.0	4.8	*
Stroke	20	30.0	16.8	*	30.0	22.9	*	35.0	27.0	*
Hip Fracture	17	5.9	4.1	*	5.9	7.4	*	5.9	10.0	*
Sepsis	8	62.5	31.3	*	75.0	39.2	*	75.0	46.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.0	*	0.0	2.4	*	0.0	3.8	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	9	0.0	2.8	*	0.0	5.4	*	0.0	7.4	*
Open Reduction of Hip Fracture	8	12.5	3.3	*	12.5	6.1	*	12.5	8.2	*
Prostatectomy	20	0.0	0.8	*	0.0	2.0	*	5.0	3.4	*
Cholecystectomy	8	12.5	3.4	*	12.5	6.5	*	12.5	8.7	*
Hysterectomy	7	0.0	2.1	*	0.0	4.3	*	0.0	6.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1991

Total Beds	349
Ownership/Control	Local Government

STAFFING:

Medical Residents/Interns	146
Registered Nurses	270
Licensed Practical Nurses	49

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	Yes
Hospice	No
Intensive Care Unit	Yes
Organ Transplant	No
Rehabilitation	Yes
Shock Trauma	Yes

**** Not used in calculating hospital mortality rates.**

DENVER GENERAL HOSPITAL

Medicare Provider Number: 060011

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	875	9.5	8.2	1.5	14.7	12.4	1.7	17.0	15.8	1.5
CONDITIONS:										
Acute Myocardial Infarction	18	27.8	24.4	*	33.3	27.3	*	38.9	30.8	*
Congestive Heart Failure	41	4.9	14.2	*	19.5	21.5	*	26.8	27.8	*
Pneumonia/Influenza	32	34.4	17.5	*	37.5	24.2	*	37.5	29.1	*
Chronic Obstructive Pulmonary Disease	28	7.1	7.9	*	17.9	13.4	*	17.9	18.2	*
Transient Cerebral Ischemia	6	16.7	1.6	*	16.7	3.4	*	16.7	5.3	*
Stroke	22	31.8	25.1	*	36.4	30.7	*	36.4	35.0	*
Hip Fracture	25	4.0	5.9	*	4.0	10.6	*	8.0	13.7	*
Sepsis	5	40.0	36.0	*	40.0	41.8	*	40.0	47.3	*
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	9.4	*	0.0	14.2	*	0.0	18.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	13	15.4	4.9	*	15.4	9.5	*	15.4	12.9	*
Open Reduction of Hip Fracture	10	0.0	4.8	*	0.0	9.1	*	10.0	12.0	*
Prostatectomy	16	0.0	0.7	*	0.0	1.8	*	0.0	3.1	*
Cholecystectomy	16	6.3	1.5	*	6.3	3.0	*	12.5	4.3	*
Hysterectomy	4	0.0	2.8	*	0.0	6.8	*	0.0	10.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	777	9.1	10.1	1.7	14.4	14.7	1.4	18.0	18.4	1.4
CONDITIONS:										
Acute Myocardial Infarction	23	34.8	36.0	*	43.5	39.8	*	47.8	43.5	*
Congestive Heart Failure	39	15.4	17.5	*	17.9	26.1	*	30.8	32.9	*
Pneumonia/Influenza	33	6.1	10.6	*	9.1	14.7	*	12.1	18.2	*
Chronic Obstructive Pulmonary Disease	20	5.0	10.4	*	15.0	18.6	*	20.0	25.0	*
Transient Cerebral Ischemia	4	0.0	1.6	*	0.0	3.3	*	0.0	5.0	*
Stroke	22	22.7	24.1	*	27.3	29.2	*	27.3	33.0	*
Hip Fracture	12	8.3	6.4	*	25.0	10.8	*	25.0	13.7	*
Sepsis	4	25.0	29.8	*	25.0	35.6	*	50.0	40.8	*
PROCEDURES:										
Angioplasty	1	0.0	11.5	*	0.0	12.3	*	0.0	13.5	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	2.3	*	0.0	4.0	*	0.0	5.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	16.7	2.9	*	33.3	5.5	*	33.3	7.3	*
Open Reduction of Hip Fracture	7	0.0	5.6	*	14.3	9.5	*	14.3	12.1	*
Prostatectomy	15	0.0	2.5	*	0.0	6.3	*	0.0	10.5	*
Cholecystectomy	10	0.0	4.4	*	20.0	8.1	*	20.0	10.7	*
Hysterectomy	4	0.0	1.1	*	0.0	2.5	*	0.0	4.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

35.1

CITY AND COUNTY OF DENVER

FEDERICO PEÑA
Mayor

DEPARTMENT OF HEALTH AND HOSPITALS

777 BANNOCK STREET
DENVER, COLORADO 80204-4507
893-6000

January 14, 1991

HCFA MORTALITY DATA
1987 - 1988 - 1989
DENVER GENERAL HOSPITAL
COMMENTS

Medicare Provider Number 060011

Denver General Hospital (DGH) is a fully accredited inner city public hospital. It is an affiliated teaching hospital with the University of Colorado Health Sciences Center, operates a 349 bed multidisciplinary acute care inpatient service, a Level I Trauma Center, a Community Health Program which, in 1990, saw over 400,000 patients, the City of Denver's Public Health system, and is a major participant in the City's '911' system. DGH is the largest Medicaid and medically indigent health care provider in the eight state region. Medicare patients comprise 6% of our outpatient visits and 12% of our admissions.

The HCFA Mortality Data for fiscal years 1987, 1988 and 1989 reveal that in each year DGH was within expected mortality levels for the overall study period (180 days). When analyzed further the data reveal that in 3 of the 9 study periods the overall observed mortality rates were higher than expected. Those 3 study periods were: 1988 - 90 day mortality rate, 1989 - 30 day and 90 day mortality rates. In all other periods, DGH's observed mortality rates were either below or within one standard deviation of the HCFA predicted rate. Further analysis reveals that the mortality data relating to eight key conditions and nine procedures are uninterpretable because of the small number of cases or deaths in those categories. This is true for all 3 years of data. The data relating to "all causes" are, however, interpretable.

The 1988 data show a 90 day mortality rate (All Causes) of 14.7% with a predicted rate of 12.4% +/- 1.7%. Statistically, there is a 10 to 25% chance that the observed difference is not meaningful. In analyzing the data for this period, it appears that the observed difference is due to an increased number of mortalities in the 30-90 day post-discharge period. DGH's internal Quality Assurance program does not normally review non-hospital mortalities, and in this case cannot comment on deaths occurring in the period in question. DGH's own monitoring and evaluation program is on a concurrent basis: the outstanding quality which we have demonstrated in that QA effort does not lead us to believe that the excess deaths in the 1988 90 day study period represents a cause for concern. We will, however, study the deaths from that period further as a focused study, the results of which will be available to HCFA.

The 1989 mortality data reveals a 30 day mortality rate (All Causes) of 10.1% with a HCFA predicted rate of 7.4% +/- 1.3%, and a 90 day rate of 13.8% with a predicted rate of 11.3% +/- 1.4%. The elevated 90 day rate is due to inclusion of cases which occurred in the 30 day period; further study should focus on that period. It should also be noted that mortality rates below predicted levels occurred in the 90-180 day period. Since the number of cases and deaths in the 8 key conditions and 9 key procedures for the 30 day mortality study period is too small to permit meaningful analysis, we can only comment on the overall data for the period. The data reveal 13 deaths in excess of predicted in the 30 day period. There is a 90-95% probability that this represents a significant difference. Further study is warranted to determine whether there are issues related to the quality of care provided to patients in that time period or whether the observed difference is due to other factors such as severity of illness and acuity. It is our experience that the nature of our patient population (high rate of poverty, trauma, public inebriates, substance abuse, poor compliance) is such that maximum severity grading is present in most cases, including Medicare patients. In spite of the lack of precision and interpretability of the data in conditions and procedure for that period, we plan to focus our attention on those areas where observed death rates were higher than predicted: cardiovascular disease, cerebrovascular disease and sepsis.

Denver General Hospital's Quality Assurance program monitors care on a concurrent and retrospective review basis. Mortality review is an important part of this program and assures that all hospital deaths are reviewed for appropriateness and timeliness of care. These reviews consistently show that outstanding quality care is provided to all patients at Denver General Hospital.

Thomas J Moe
Tom Moe
Manager

Allan Liebgott M.D.
Allan Liebgott, M.D.
Director of Quality
Assurance

DOCTORS HOSPITAL

1920 High St
Denver, CO 80218

Medicare Provider Number: 060093

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	30	0.0	1.0	*	0.0	2.2	*	0.0	3.5	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1988

Total Beds	45
Ownership/Control	Private, For Profit
STAFFING:	
Medical Residents/Interns	4
Registered Nurses	14
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	No
Hospice	No
Intensive Care Unit	No
Organ Transplant	No
Rehabilitation	No
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

DOCTORS HOSPITAL

Medicare Provider Number: 060093

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	35	0.0	0.4	*	2.9	0.8	*	2.9	1.2	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	44	0.0	0.7	*	0.0	1.4	*	0.0	1.9	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

DOCTORS HOSPITAL MEDICAL CENTER

2502 E Pikes Peak Avenue
Colorado Springs, CO 80909

Medicare Provider Number: 060098

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	248	5.6	7.3	2.2	9.3	11.3	3.1	12.9	14.5	3.2
CONDITIONS:										
Acute Myocardial Infarction	7	0.0	23.0	*	0.0	27.3	*	14.3	31.6	*
Congestive Heart Failure	10	10.0	13.5	*	10.0	20.8	*	10.0	27.0	*
Pneumonia/Influenza	8	12.5	8.1	*	12.5	11.6	*	25.0	14.4	*
Chronic Obstructive Pulmonary Disease	10	10.0	9.6	*	20.0	16.9	*	20.0	22.7	*
Transient Cerebral Ischemia	3	0.0	1.6	*	33.3	3.7	*	33.3	6.2	*
Stroke	8	37.5	23.3	*	50.0	33.2	*	50.0	39.6	*
Hip Fracture	5	0.0	4.6	*	0.0	8.7	*	0.0	11.7	*
Sepsis	1	0.0	25.1	*	0.0	37.6	*	0.0	50.5	*
PROCEDURES:										
Angioplasty	9	0.0	2.8	*	0.0	4.1	*	11.1	5.3	*
Coronary Artery Bypass Graft	7	0.0	4.6	*	0.0	7.1	*	0.0	8.8	*
Initial Pacemaker Insertion	6	0.0	2.9	*	33.3	6.1	*	33.3	9.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	2.8	*	0.0	5.6	*	0.0	7.8	*
Open Reduction of Hip Fracture	0									
Prostatectomy	9	0.0	1.1	*	0.0	2.5	*	0.0	4.2	*
Cholecystectomy	3	0.0	1.3	*	0.0	1.9	*	0.0	2.4	*
Hysterectomy	1	0.0	0.4	*	0.0	0.7	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1988

Total Beds	122
Ownership/Control	Private, For Profit

STAFFING:

Medical Residents/Interns	0
Registered Nurses	68
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	Yes
Hospice	No
Intensive Care Unit	Yes
Organ Transplant	No
Rehabilitation	No
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

DOCTORS HOSPITAL MEDICAL CENTER

Medicare Provider Number: 060098

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	579	9.8	8.6	1.4	12.8	13.0	1.6	14.9	16.5	1.8
CONDITIONS:										
Acute Myocardial Infarction	11	27.3	28.1	*	27.3	30.7	*	27.3	33.6	*
Congestive Heart Failure	32	15.6	16.6	*	18.8	25.2	*	18.8	32.0	*
Pneumonia/Influenza	20	25.0	15.3	*	25.0	20.6	*	40.0	24.9	*
Chronic Obstructive Pulmonary Disease	13	23.1	6.6	*	23.1	11.2	*	23.1	15.6	*
Transient Cerebral Ischemia	8	12.5	1.6	*	12.5	3.7	*	25.0	6.1	*
Stroke	18	16.7	17.8	*	16.7	23.9	*	22.2	28.5	*
Hip Fracture	23	4.3	6.6	*	8.7	11.5	*	8.7	14.6	*
Sepsis	4	0.0	14.3	*	0.0	21.0	*	0.0	25.7	*
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	15	6.7	2.1	*	13.3	4.6	*	13.3	7.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	19	0.0	4.0	*	0.0	7.3	*	0.0	9.4	*
Open Reduction of Hip Fracture	6	0.0	6.0	*	16.7	11.0	*	16.7	14.0	*
Prostatectomy	8	0.0	0.4	*	0.0	0.9	*	0.0	1.5	*
Cholecystectomy	5	20.0	2.1	*	20.0	3.8	*	20.0	5.1	*
Hysterectomy	3	0.0	0.3	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	429	9.3	7.9	2.2	14.5	12.2	3.0	17.7	15.7	2.8
CONDITIONS:										
Acute Myocardial Infarction	1	100.0	53.1	*	100.0	56.4	*	100.0	60.9	*
Congestive Heart Failure	17	29.4	13.2	*	29.4	20.2	*	29.4	26.6	*
Pneumonia/Influenza	32	15.6	16.3	*	25.0	21.9	*	31.3	26.7	*
Chronic Obstructive Pulmonary Disease	10	0.0	11.5	*	0.0	18.4	*	30.0	23.6	*
Transient Cerebral Ischemia	5	0.0	2.5	*	0.0	6.1	*	0.0	10.1	*
Stroke	9	22.2	21.5	*	22.2	28.9	*	22.2	33.6	*
Hip Fracture	16	18.8	6.1	*	31.3	11.0	*	37.5	14.4	*
Sepsis	1	0.0	21.8	*	0.0	28.5	*	0.0	34.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	2.4	*	0.0	5.8	*	0.0	9.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	9	0.0	3.4	*	11.1	6.2	*	11.1	8.3	*
Open Reduction of Hip Fracture	5	40.0	5.1	*	40.0	9.9	*	60.0	13.5	*
Prostatectomy	7	0.0	0.8	*	0.0	2.0	*	14.3	3.5	*
Cholecystectomy	4	0.0	3.4	*	0.0	6.2	*	0.0	7.7	*
Hysterectomy	2	0.0	1.7	*	0.0	3.7	*	0.0	5.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

EAST MORGAN COUNTY HOSPITAL

2400 W Edison
Brush, CO 80723

Medicare Provider Number: 060068

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	200	10.5	10.0	2.2	15.5	15.2	2.8	19.0	19.1	2.9
CONDITIONS:										
Acute Myocardial Infarction	3	66.7	29.7	*	66.7	32.8	*	66.7	36.5	*
Congestive Heart Failure	13	7.7	17.7	*	7.7	26.9	*	15.4	34.2	*
Pneumonia/Influenza	16	12.5	18.0	*	25.0	24.1	*	31.3	28.7	*
Chronic Obstructive Pulmonary Disease	3	33.3	5.9	*	33.3	14.2	*	33.3	22.5	*
Transient Cerebral Ischemia	3	0.0	1.6	*	0.0	3.6	*	0.0	5.7	*
Stroke	12	16.7	18.5	*	16.7	25.6	*	25.0	30.1	*
Hip Fracture	7	14.3	7.4	*	14.3	14.1	*	14.3	18.8	*
Sepsis	1	0.0	19.0	*	0.0	25.8	*	0.0	32.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	2.1	*	0.0	4.4	*	0.0	6.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	8.8	*	0.0	17.6	*	0.0	23.9	*
Open Reduction of Hip Fracture	5	20.0	5.7	*	20.0	11.3	*	20.0	15.5	*
Prostatectomy	0									
Cholecystectomy	4	25.0	6.1	*	25.0	11.6	*	25.0	15.9	*
Hysterectomy	6	16.7	0.2	*	16.7	0.6	*	16.7	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	29
Occupancy Rate	35
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	16
Percent of Physicians Board Certified Specialists	81
Medical Residents/Interns	0
Registered Nurses	12
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

EAST MORGAN COUNTY HOSPITAL

Medicare Provider Number: 060068

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	226	13.7	9.7	2.9	20.4	15.1	3.6	23.5	19.3	3.4
CONDITIONS:										
Acute Myocardial Infarction	8	12.5	26.3	*	25.0	29.6	*	25.0	33.0	*
Congestive Heart Failure	7	28.6	20.0	*	57.1	29.3	*	71.4	36.6	*
Pneumonia/Influenza	17	11.8	16.9	*	11.8	22.7	*	11.8	27.1	*
Chronic Obstructive Pulmonary Disease	4	25.0	12.7	*	25.0	23.3	*	25.0	31.9	*
Transient Cerebral Ischemia	4	0.0	1.8	*	0.0	4.1	*	0.0	6.6	*
Stroke	4	50.0	23.0	*	50.0	32.3	*	50.0	37.9	*
Hip Fracture	13	15.4	7.4	*	23.1	13.4	*	23.1	17.2	*
Sepsis	1	0.0	18.2	*	0.0	23.4	*	0.0	28.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	2.6	*	0.0	5.2	*	0.0	7.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	4.3	*	0.0	8.8	*	0.0	12.1	*
Open Reduction of Hip Fracture	11	18.2	6.8	*	27.3	12.9	*	27.3	16.8	*
Prostatectomy	0									
Cholecystectomy	2	0.0	0.6	*	0.0	1.0	*	0.0	1.4	*
Hysterectomy	4	0.0	4.7	*	25.0	9.1	*	25.0	13.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	169	13.6	11.0	3.2	16.6	16.8	3.1	20.1	21.2	3.9
CONDITIONS:										
Acute Myocardial Infarction	7	28.6	27.6	*	28.6	30.1	*	28.6	32.9	*
Congestive Heart Failure	9	44.4	21.5	*	44.4	31.6	*	44.4	39.4	*
Pneumonia/Influenza	15	6.7	17.9	*	13.3	24.5	*	13.3	29.6	*
Chronic Obstructive Pulmonary Disease	6	16.7	7.5	*	16.7	14.3	*	16.7	20.3	*
Transient Cerebral Ischemia	5	20.0	4.0	*	40.0	9.1	*	40.0	13.8	*
Stroke	6	50.0	27.8	*	66.7	35.4	*	66.7	39.7	*
Hip Fracture	9	0.0	6.6	*	0.0	12.1	*	11.1	16.1	*
Sepsis	3	0.0	32.9	*	33.3	42.1	*	33.3	48.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	1.3	*	0.0	2.8	*	0.0	4.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	3.2	*	0.0	6.1	*	0.0	8.2	*
Open Reduction of Hip Fracture	7	0.0	6.5	*	0.0	12.5	*	14.3	17.0	*
Prostatectomy	0									
Cholecystectomy	3	0.0	2.3	*	0.0	4.6	*	0.0	6.1	*
Hysterectomy	2	0.0	15.5	*	0.0	35.3	*	0.0	51.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ESTES PARK MEDICAL CENTER

555 Prospect
Estes Park, CO 80517

Medicare Provider Number: 060088

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	88	3.4	6.7	4.0	8.0	10.4	4.6	9.1	13.4	6.5
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	5	0.0	10.0	*	20.0	15.5	*	20.0	20.6	*
Pneumonia/Influenza	8	0.0	9.2	*	0.0	13.1	*	0.0	16.4	*
Chronic Obstructive Pulmonary Disease	5	20.0	6.8	*	20.0	11.6	*	20.0	15.9	*
Transient Cerebral Ischemia	0									
Stroke	1	0.0	19.3	*	0.0	27.4	*	0.0	33.5	*
Hip Fracture	0									
Sepsis	1	0.0	7.3	*	0.0	10.5	*	0.0	13.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	4	0.0	1.7	*	0.0	2.7	*	0.0	3.5	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	60
Occupancy Rate	92
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	4
Percent of Physicians Board Certified Specialists	75
Medical Residents/Interns	0
Registered Nurses	13
Licensed Practical Nurses	0

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ESTES PARK MEDICAL CENTER

Medicare Provider Number: 060088

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	90	5.6	8.8	3.4	8.9	12.8	4.2	8.9	16.0	5.2
CONDITIONS:										
Acute Myocardial Infarction	4	25.0	24.7	*	25.0	27.5	*	25.0	30.8	*
Congestive Heart Failure	9	11.1	15.1	*	11.1	23.8	*	11.1	31.1	*
Pneumonia/Influenza	6	0.0	13.9	*	0.0	18.8	*	0.0	23.0	*
Chronic Obstructive Pulmonary Disease	2	0.0	5.5	*	0.0	9.6	*	0.0	13.5	*
Transient Cerebral Ischemia	2	0.0	2.6	*	0.0	6.2	*	0.0	9.8	*
Stroke	2	50.0	16.9	*	50.0	22.2	*	50.0	26.4	*
Hip Fracture	0									
Sepsis	2	0.0	19.5	*	0.0	23.8	*	0.0	28.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	6	0.0	1.2	*	0.0	2.1	*	0.0	2.9	*
Hysterectomy	5	0.0	1.3	*	0.0	2.7	*	0.0	3.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	122	7.4	7.6	2.5	9.8	11.3	3.0	13.1	14.3	3.2
CONDITIONS:										
Acute Myocardial Infarction	2	50.0	33.3	*	50.0	36.3	*	50.0	40.2	*
Congestive Heart Failure	8	0.0	15.8	*	0.0	24.3	*	12.5	31.3	*
Pneumonia/Influenza	4	0.0	14.3	*	0.0	19.8	*	0.0	24.1	*
Chronic Obstructive Pulmonary Disease	1	0.0	3.7	*	0.0	7.6	*	0.0	11.5	*
Transient Cerebral Ischemia	0									
Stroke	4	25.0	21.1	*	75.0	31.6	*	75.0	37.5	*
Hip Fracture	0									
Sepsis	1	100.0	20.5	*	100.0	26.8	*	100.0	30.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	4.7	*	0.0	7.9	*	0.0	9.2	*
Hysterectomy	2	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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EPMC

ESTES PARK MEDICAL CENTER

555 PROSPECT AVENUE • POST OFFICE BOX 2740 • ESTES PARK, COLORADO 80517
PHONE 303/586-2317 • FAX 303/586-0109

ANDREW WILLS
CHIEF EXECUTIVE OFFICER

January 7, 1991

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

Subject: Provider #060088

Dear Mrs. Kappert:

This letter is sent in response to the Health Care Financing Administration's report of selected mortality information for patients discharged from Estes Park Medical Center (E.P.M.C.) between October 1, 1988, and September 30, 1989.

In the report, E.P.M.C. is found to have higher than predicted mortality rates in two types of disease conditions. We would like to draw attention to comments published by HCFA in the same report which states:

> "The precision and interpretability of our estimates are questionable when there are no deaths or 50 or fewer cases in a particular category being analyzed."

Where E.P.M.C. was above the predictions, there were 5 cases total in each. We therefore feel that the statistics do not represent a quality concern.

It is only in the category "all causes" that the standard deviation can be calculated. In that calculation, E.P.M.C. saw 88 cases and was found to be lower than the predicted mortality rate for each of the three post admission time frames.

Sincerely,

Andrew Wills

Andrew Wills
Chief Executive Officer

AW/jd

Enclosure

FAMILY HEALTH WEST

228 North Cherry St
Fruita, CO 81521

Medicare Provider Number: 060063

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	44	15.9	16.8	*	22.7	23.5	*	25.0	28.8	*
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	49.7	*	0.0	53.6	*	0.0	58.6	*
Congestive Heart Failure	1	0.0	23.9	*	0.0	38.3	*	0.0	48.8	*
Pneumonia/Influenza	7	14.3	17.5	*	14.3	25.1	*	14.3	30.5	*
Chronic Obstructive Pulmonary Disease	1	100.0	16.9	*	100.0	25.9	*	100.0	32.7	*
Transient Cerebral Ischemia	0									
Stroke	2	0.0	18.3	*	0.0	25.1	*	0.0	29.8	*
Hip Fracture	0									
Sepsis	3	33.3	37.2	*	33.3	43.5	*	33.3	51.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	156
Occupancy Rate	93
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	20
Percent of Physicians Board Certified Specialists	90
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

FAMILY HEALTH WEST

Medicare Provider Number: 060063

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	42	16.7	18.0	*	28.6	24.2	*	33.3	29.3	*
CONDITIONS:										
Acute Myocardial Infarction	2	0.0	44.3	*	0.0	51.3	*	50.0	55.4	*
Congestive Heart Failure	4	0.0	14.1	*	0.0	20.2	*	0.0	26.2	*
Pneumonia/Influenza	7	42.9	22.2	*	71.4	29.3	*	71.4	34.7	*
Chronic Obstructive Pulmonary Disease	1	0.0	10.3	*	0.0	15.7	*	0.0	20.6	*
Transient Cerebral Ischemia	0									
Stroke	4	25.0	31.8	*	25.0	42.0	*	50.0	47.8	*
Hip Fracture	0									
Sepsis	3	0.0	31.1	*	66.7	37.1	*	66.7	43.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	37	13.5	14.6	*	18.9	20.1	*	27.0	24.5	*
CONDITIONS:										
Acute Myocardial Infarction	2	50.0	34.6	*	50.0	37.9	*	50.0	41.5	*
Congestive Heart Failure	1	0.0	9.9	*	0.0	14.8	*	0.0	19.7	*
Pneumonia/Influenza	5	0.0	15.8	*	20.0	21.5	*	20.0	26.3	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	0.0	1.5	*	0.0	3.2	*	0.0	5.1	*
Stroke	1	0.0	22.7	*	0.0	33.0	*	100.0	39.4	*
Hip Fracture	1	0.0	6.0	*	0.0	11.1	*	0.0	15.3	*
Sepsis	2	50.0	33.4	*	50.0	43.4	*	50.0	50.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FORT MORGAN COMMUNITY HOSPITAL

1000 Lincoln St
Fort Morgan, CO 80701

Medicare Provider Number: 060044

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	302	12.9	10.2	2.5	15.6	14.9	2.2	19.9	18.6	2.4
CONDITIONS:										
Acute Myocardial Infarction	16	18.8	24.3	*	25.0	28.0	*	25.0	31.8	*
Congestive Heart Failure	20	20.0	16.6	*	25.0	25.8	*	35.0	33.4	*
Pneumonia/Influenza	9	0.0	14.5	*	0.0	20.4	*	11.1	25.1	*
Chronic Obstructive Pulmonary Disease	6	0.0	7.5	*	0.0	12.2	*	0.0	16.6	*
Transient Cerebral Ischemia	5	0.0	1.6	*	0.0	3.6	*	0.0	5.8	*
Stroke	9	55.6	23.9	*	66.7	32.2	*	66.7	37.6	*
Hip Fracture	15	6.7	6.7	*	13.3	12.0	*	26.7	15.6	*
Sepsis	3	33.3	36.3	*	33.3	43.2	*	33.3	50.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	4.7	*	0.0	7.9	*	0.0	10.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	3.7	*	0.0	7.3	*	25.0	10.0	*
Open Reduction of Hip Fracture	10	10.0	7.0	*	20.0	12.8	*	30.0	16.7	*
Prostatectomy	0									
Cholecystectomy	10	10.0	4.4	*	10.0	7.1	*	10.0	8.5	*
Hysterectomy	5	0.0	0.3	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds	40
Occupancy Rate	40
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	55
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	21
Licensed Practical Nurses	8

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

FORT MORGAN COMMUNITY HOSPITAL

Medicare Provider Number: 060044

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	289	13.1	10.2	2.2	16.6	14.9	2.2	17.3	18.6	2.4
CONDITIONS:										
Acute Myocardial Infarction	19	31.6	30.4	*	31.6	33.9	*	31.6	37.4	*
Congestive Heart Failure	6	16.7	14.7	*	16.7	23.1	*	16.7	30.0	*
Pneumonia/Influenza	7	0.0	10.6	*	0.0	14.7	*	0.0	17.6	*
Chronic Obstructive Pulmonary Disease	9	22.2	9.1	*	22.2	16.5	*	22.2	22.6	*
Transient Cerebral Ischemia	4	0.0	1.6	*	0.0	3.8	*	0.0	6.3	*
Stroke	12	33.3	22.6	*	41.7	29.3	*	41.7	34.4	*
Hip Fracture	13	23.1	9.0	*	30.8	16.2	*	30.8	20.8	*
Sepsis	4	50.0	29.5	*	50.0	39.5	*	50.0	46.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	3.8	*	0.0	7.1	*	0.0	9.3	*
Open Reduction of Hip Fracture	12	25.0	8.2	*	33.3	15.4	*	33.3	20.2	*
Prostatectomy	0									
Cholecystectomy	8	0.0	2.4	*	0.0	3.9	*	0.0	5.0	*
Hysterectomy	7	0.0	0.7	*	0.0	1.5	*	0.0	2.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	249	15.3	10.1	2.8	20.1	14.6	3.3	22.9	18.3	2.9
CONDITIONS:										
Acute Myocardial Infarction	17	17.6	25.1	*	23.5	28.4	*	29.4	31.8	*
Congestive Heart Failure	9	11.1	17.5	*	11.1	26.4	*	11.1	33.8	*
Pneumonia/Influenza	8	25.0	14.5	*	25.0	19.8	*	25.0	24.4	*
Chronic Obstructive Pulmonary Disease	5	20.0	9.0	*	20.0	15.4	*	20.0	21.0	*
Transient Cerebral Ischemia	5	0.0	2.1	*	20.0	4.7	*	20.0	7.7	*
Stroke	3	66.7	16.5	*	66.7	21.4	*	66.7	25.8	*
Hip Fracture	18	27.8	7.3	*	33.3	13.0	*	38.9	16.8	*
Sepsis	2	100.0	37.3	*	100.0	49.4	*	100.0	57.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.0	*	0.0	2.2	*	0.0	3.8	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	8.9	*	50.0	15.6	*	50.0	20.0	*
Open Reduction of Hip Fracture	13	30.8	6.6	*	30.8	12.3	*	38.5	16.1	*
Prostatectomy	0									
Cholecystectomy	9	11.1	3.0	*	11.1	5.6	*	11.1	7.3	*
Hysterectomy	3	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

GUNNISON VALLEY HOSPITAL

214 East Denver Ave
Gunnison, CO 81230

Medicare Provider Number: 060070

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	88	4.5	7.4	4.2	8.0	10.5	5.6	9.1	13.3	5.7
CONDITIONS:										
Acute Myocardial Infarction	13	7.7	20.0	*	7.7	22.4	*	7.7	25.2	*
Congestive Heart Failure	4	25.0	14.6	*	25.0	22.5	*	25.0	29.3	*
Pneumonia/Influenza	7	0.0	13.2	*	0.0	18.0	*	0.0	22.2	*
Chronic Obstructive Pulmonary Disease	2	50.0	4.9	*	50.0	9.2	*	50.0	13.3	*
Transient Cerebral Ischemia	0									
Stroke	1	0.0	19.0	*	0.0	23.6	*	0.0	27.6	*
Hip Fracture	2	0.0	5.2	*	0.0	10.4	*	0.0	14.5	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	1.4	*	0.0	2.9	*	0.0	4.2	*
Open Reduction of Hip Fracture	1	0.0	6.2	*	0.0	12.8	*	0.0	18.1	*
Prostatectomy	0									
Cholecystectomy	2	0.0	1.3	*	0.0	2.1	*	0.0	2.6	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	24
Occupancy Rate	21
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	8
Percent of Physicians Board Certified Specialists	63
Medical Residents/Interns	0
Registered Nurses	10
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

GUNNISON VALLEY HOSPITAL

Medicare Provider Number: 060070

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	86	9.3	9.8	3.3	15.1	13.4	4.4	18.6	16.3	6.3
CONDITIONS:										
Acute Myocardial Infarction	7	0.0	15.2	*	14.3	17.6	*	14.3	20.4	*
Congestive Heart Failure	4	0.0	13.9	*	50.0	21.3	*	50.0	27.4	*
Pneumonia/Influenza	8	0.0	15.5	*	12.5	21.3	*	12.5	25.7	*
Chronic Obstructive Pulmonary Disease	2	0.0	6.3	*	0.0	10.1	*	0.0	14.1	*
Transient Cerebral Ischemia	2	0.0	1.5	*	0.0	3.4	*	50.0	5.3	*
Stroke	5	60.0	20.2	*	60.0	25.2	*	60.0	29.5	*
Hip Fracture	3	0.0	4.9	*	0.0	8.8	*	0.0	11.5	*
Sepsis	1	0.0	6.8	*	0.0	9.3	*	100.0	12.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	1.0	*	0.0	2.0	*	0.0	3.0	*
Open Reduction of Hip Fracture	3	0.0	4.3	*	0.0	8.0	*	0.0	10.7	*
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	60	8.3	7.4	3.5	10.0	10.7	4.0	11.7	13.4	4.8
CONDITIONS:										
Acute Myocardial Infarction	5	0.0	20.2	*	20.0	23.2	*	20.0	26.8	*
Congestive Heart Failure	2	0.0	12.8	*	0.0	19.8	*	0.0	25.9	*
Pneumonia/Influenza	2	50.0	13.5	*	50.0	18.7	*	50.0	23.4	*
Chronic Obstructive Pulmonary Disease	2	50.0	7.8	*	50.0	14.1	*	50.0	19.1	*
Transient Cerebral Ischemia	2	0.0	1.8	*	0.0	3.7	*	0.0	6.0	*
Stroke	3	0.0	21.0	*	0.0	26.7	*	0.0	31.7	*
Hip Fracture	1	0.0	3.6	*	0.0	6.0	*	0.0	8.0	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	3.1	*	0.0	5.5	*	0.0	7.4	*
Prostatectomy	0									
Cholecystectomy	1	0.0	1.0	*	0.0	1.7	*	0.0	2.4	*
Hysterectomy	1	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HAXTUN HOSPITAL DISTRICT

253 W Fletcher St
Haxtun, CO 80731

Medicare Provider Number: 060058

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	68	7.4	11.2	6.2	8.8	15.9	8.3	13.2	19.9	9.5
CONDITIONS:										
Acute Myocardial Infarction	3	0.0	22.4	*	0.0	24.6	*	0.0	27.1	*
Congestive Heart Failure	4	0.0	20.6	*	0.0	32.7	*	25.0	41.0	*
Pneumonia/Influenza	11	18.2	17.7	*	18.2	24.3	*	27.3	29.2	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	3	33.3	32.7	*	33.3	40.3	*	33.3	45.3	*
Hip Fracture	0									
Sepsis	1	0.0	9.1	*	0.0	12.2	*	0.0	15.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	33
Occupancy Rate	82
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	2
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	5
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HAXTUN HOSPITAL DISTRICT

Medicare Provider Number: 060058

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	58	6.9	9.4	5.0	8.6	13.8	6.2	13.8	17.7	6.9
CONDITIONS:										
Acute Myocardial Infarction	3	0.0	15.9	*	0.0	18.7	*	33.3	21.6	*
Congestive Heart Failure	4	0.0	12.8	*	25.0	20.1	*	25.0	26.2	*
Pneumonia/Influenza	7	28.6	17.8	*	28.6	23.5	*	28.6	27.8	*
Chronic Obstructive Pulmonary Disease	1	0.0	2.6	*	0.0	5.4	*	0.0	7.8	*
Transient Cerebral Ischemia	0									
Stroke	2	0.0	20.1	*	0.0	26.9	*	0.0	31.9	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	66	12.1	13.1	4.2	18.2	18.1	4.7	22.7	22.1	5.3
CONDITIONS:										
Acute Myocardial Infarction	9	33.3	17.6	*	33.3	20.5	*	33.3	23.7	*
Congestive Heart Failure	4	0.0	17.4	*	25.0	26.5	*	25.0	33.7	*
Pneumonia/Influenza	5	20.0	17.0	*	40.0	22.6	*	40.0	27.0	*
Chronic Obstructive Pulmonary Disease	1	0.0	6.5	*	0.0	11.2	*	0.0	15.2	*
Transient Cerebral Ischemia	2	0.0	2.6	*	0.0	5.6	*	50.0	8.8	*
Stroke	1	100.0	25.7	*	100.0	33.9	*	100.0	39.8	*
Hip Fracture	1	0.0	5.2	*	0.0	10.9	*	0.0	15.2	*
Sepsis	1	0.0	36.6	*	0.0	43.4	*	0.0	50.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HEART OF THE ROCKIES MEDICAL CENTER

448 E First St
Salida, CO 81201

Medicare Provider Number: 060050

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	328	11.6	9.5	2.0	14.9	13.6	2.0	18.9	17.0	2.4
CONDITIONS:										
Acute Myocardial Infarction	16	12.5	24.6	*	12.5	27.7	*	12.5	31.0	*
Congestive Heart Failure	7	28.6	10.5	*	28.6	16.4	*	42.9	21.8	*
Pneumonia/Influenza	22	4.5	15.0	*	22.7	20.6	*	22.7	25.4	*
Chronic Obstructive Pulmonary Disease	3	0.0	11.4	*	0.0	16.8	*	33.3	21.3	*
Transient Cerebral Ischemia	3	0.0	1.3	*	0.0	2.7	*	33.3	4.2	*
Stroke	7	71.4	24.4	*	71.4	33.1	*	85.7	38.5	*
Hip Fracture	11	9.1	7.8	*	18.2	14.4	*	36.4	18.7	*
Sepsis	1	0.0	26.9	*	100.0	32.6	*	100.0	37.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	6.1	*	25.0	11.3	*	25.0	14.7	*
Open Reduction of Hip Fracture	7	14.3	7.5	*	14.3	14.7	*	42.9	19.6	*
Prostatectomy	11	0.0	0.9	*	0.0	2.1	*	0.0	3.7	*
Cholecystectomy	5	0.0	1.8	*	0.0	3.4	*	0.0	4.4	*
Hysterectomy	1	0.0	0.7	*	0.0	1.2	*	0.0	1.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	38
Occupancy Rate	40
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	15
Percent of Physicians Board Certified Specialists	80
Medical Residents/Interns	0
Registered Nurses	29
Licensed Practical Nurses	14

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HEART OF THE ROCKIES MEDICAL CENTER

Medicare Provider Number: 060050

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	281	11.0	9.0	2.6	15.7	13.3	2.6	18.9	16.8	2.8
CONDITIONS:										
Acute Myocardial Infarction	15	33.3	29.0	*	46.7	32.2	*	46.7	35.6	*
Congestive Heart Failure	5	0.0	11.6	*	0.0	18.0	*	0.0	23.8	*
Pneumonia/Influenza	21	23.8	16.4	*	23.8	21.9	*	23.8	26.4	*
Chronic Obstructive Pulmonary Disease	6	0.0	7.7	*	0.0	11.9	*	0.0	15.8	*
Transient Cerebral Ischemia	2	0.0	1.7	*	0.0	3.5	*	0.0	5.4	*
Stroke	11	27.3	19.2	*	45.5	27.3	*	45.5	32.4	*
Hip Fracture	7	0.0	5.5	*	0.0	10.2	*	0.0	13.4	*
Sepsis	1	100.0	48.9	*	100.0	55.1	*	100.0	62.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	4.9	*	0.0	9.6	*	0.0	12.6	*
Open Reduction of Hip Fracture	2	0.0	6.4	*	0.0	12.3	*	0.0	16.2	*
Prostatectomy	7	0.0	0.6	*	0.0	1.4	*	14.3	2.2	*
Cholecystectomy	10	10.0	1.9	*	10.0	3.2	*	10.0	4.0	*
Hysterectomy	3	0.0	0.6	*	0.0	1.4	*	0.0	2.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	283	10.6	8.5	2.1	14.8	12.7	2.3	17.7	16.0	2.4
CONDITIONS:										
Acute Myocardial Infarction	14	28.6	26.4	*	28.6	29.8	*	28.6	33.3	*
Congestive Heart Failure	10	30.0	12.5	*	30.0	18.1	*	40.0	23.7	*
Pneumonia/Influenza	13	23.1	17.4	*	23.1	23.1	*	30.8	28.0	*
Chronic Obstructive Pulmonary Disease	5	0.0	5.4	*	0.0	8.8	*	0.0	12.3	*
Transient Cerebral Ischemia	4	0.0	1.8	*	0.0	4.1	*	25.0	6.6	*
Stroke	11	9.1	22.1	*	27.3	29.9	*	27.3	34.8	*
Hip Fracture	18	27.8	7.8	*	38.9	14.0	*	44.4	18.1	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	12.5	6.5	*	25.0	12.0	*	25.0	15.5	*
Open Reduction of Hip Fracture	7	14.3	7.5	*	28.6	14.0	*	42.9	18.3	*
Prostatectomy	5	0.0	0.5	*	0.0	0.9	*	0.0	1.5	*
Cholecystectomy	7	0.0	1.5	*	0.0	2.6	*	0.0	3.4	*
Hysterectomy	3	0.0	0.5	*	0.0	0.8	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HUERFANO COUNTY MEDICAL CENTER

900 E Indiana Ave
Walsenburg, CO 81089

Medicare Provider Number: 060066

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	132	10.6	10.3	3.5	12.9	14.8	3.5	18.9	18.5	3.6
CONDITIONS:										
Acute Myocardial Infarction	3	33.3	28.0	*	33.3	31.6	*	33.3	35.7	*
Congestive Heart Failure	6	16.7	14.7	*	16.7	23.1	*	16.7	29.9	*
Pneumonia/Influenza	40	25.0	16.5	*	27.5	22.0	*	32.5	26.4	*
Chronic Obstructive Pulmonary Disease	1	0.0	22.1	*	0.0	33.9	*	100.0	41.8	*
Transient Cerebral Ischemia	0									
Stroke	1	100.0	13.7	*	100.0	18.2	*	100.0	22.0	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	35
Occupancy Rate	60
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	5
Percent of Physicians Board Certified Specialists	40
Medical Residents/Interns	0
Registered Nurses	6
Licensed Practical Nurses	7

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HUERFANO COUNTY MEDICAL CENTER

Medicare Provider Number: 060066

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	139	10.1	12.8	3.1	10.8	18.0	5.2	18.7	22.1	3.7
CONDITIONS:										
Acute Myocardial Infarction	3	33.3	51.9	*	33.3	56.5	*	33.3	60.1	*
Congestive Heart Failure	4	0.0	12.1	*	0.0	19.1	*	0.0	25.1	*
Pneumonia/Influenza	63	15.9	17.2	4.8	15.9	23.2	6.9	23.8	27.7	5.9
Chronic Obstructive Pulmonary Disease	4	0.0	6.1	*	0.0	10.2	*	0.0	14.1	*
Transient Cerebral Ischemia	0									
Stroke	3	0.0	18.6	*	0.0	24.0	*	0.0	28.4	*
Hip Fracture	0									
Sepsis	1	0.0	13.9	*	0.0	19.4	*	100.0	24.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	104	15.4	15.9	3.6	20.2	21.7	4.5	21.2	26.3	5.6
CONDITIONS:										
Acute Myocardial Infarction	3	33.3	43.6	*	33.3	47.1	*	33.3	51.7	*
Congestive Heart Failure	5	0.0	14.4	*	0.0	23.6	*	0.0	31.4	*
Pneumonia/Influenza	31	22.6	20.1	*	25.8	27.1	*	29.0	32.4	*
Chronic Obstructive Pulmonary Disease	1	0.0	3.2	*	0.0	7.5	*	0.0	11.5	*
Transient Cerebral Ischemia	1	0.0	1.1	*	0.0	2.4	*	0.0	3.8	*
Stroke	2	50.0	29.2	*	50.0	40.7	*	50.0	47.1	*
Hip Fracture	0									
Sepsis	1	0.0	33.1	*	0.0	39.2	*	0.0	46.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HUMANA HOSPITAL AURORA

1501 South Potomac
Aurora, CO 80012

Medicare Provider Number: 060087

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	979	6.7	7.5	1.1	10.5	11.4	1.3	13.6	14.5	1.4
CONDITIONS:										
Acute Myocardial Infarction	37	21.6	27.0	*	27.0	31.0	*	29.7	34.7	*
Congestive Heart Failure	36	5.6	15.1	*	16.7	23.2	*	22.2	30.1	*
Pneumonia/Influenza	33	9.1	11.5	*	9.1	16.0	*	15.2	19.7	*
Chronic Obstructive Pulmonary Disease	17	5.9	8.6	*	5.9	14.8	*	11.8	20.3	*
Transient Cerebral Ischemia	11	0.0	2.4	*	0.0	5.6	*	0.0	9.0	*
Stroke	34	8.8	15.9	*	14.7	22.8	*	17.6	27.1	*
Hip Fracture	27	3.7	5.7	*	11.1	10.5	*	11.1	14.0	*
Sepsis	12	33.3	18.1	*	41.7	25.2	*	41.7	30.4	*
PROCEDURES:										
Angioplasty	33	3.0	3.5	*	6.1	4.4	*	6.1	5.4	*
Coronary Artery Bypass Graft	16	0.0	6.4	*	0.0	9.9	*	0.0	12.3	*
Initial Pacemaker Insertion	7	0.0	2.4	*	0.0	5.1	*	0.0	8.2	*
Carotid Endarterectomy	2	50.0	1.9	*	50.0	3.3	*	50.0	4.7	*
Hip Replacement/Reconstruction	22	4.5	2.1	*	9.1	4.2	*	9.1	6.1	*
Open Reduction of Hip Fracture	13	7.7	5.5	*	7.7	10.8	*	7.7	14.6	*
Prostatectomy	47	0.0	0.5	*	0.0	1.2	*	2.1	2.1	*
Cholecystectomy	19	5.3	2.0	*	5.3	3.5	*	5.3	4.4	*
Hysterectomy	14	0.0	0.8	*	0.0	1.8	*	0.0	2.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	200
Occupancy Rate	42
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	133
Percent of Physicians Board Certified Specialists	79
Medical Residents/Interns	0
Registered Nurses	199
Licensed Practical Nurses	16

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HUMANA HOSPITAL AURORA

Medicare Provider Number: 060087

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	754	8.5	7.8	1.1	10.6	11.4	1.3	12.9	14.5	1.6
CONDITIONS:										
Acute Myocardial Infarction	24	37.5	26.8	*	37.5	29.7	*	37.5	33.1	*
Congestive Heart Failure	39	10.3	15.5	*	20.5	24.0	*	23.1	31.0	*
Pneumonia/Influenza	31	19.4	14.4	*	19.4	19.2	*	19.4	23.2	*
Chronic Obstructive Pulmonary Disease	10	10.0	12.9	*	10.0	19.9	*	10.0	25.1	*
Transient Cerebral Ischemia	17	0.0	2.2	*	0.0	5.0	*	0.0	7.9	*
Stroke	29	31.0	23.5	*	34.5	30.0	*	37.9	34.5	*
Hip Fracture	21	0.0	5.1	*	4.8	9.3	*	4.8	12.0	*
Sepsis	3	0.0	13.8	*	0.0	19.1	*	0.0	23.8	*
PROCEDURES:										
Angioplasty	9	0.0	3.0	*	0.0	3.9	*	0.0	5.0	*
Coronary Artery Bypass Graft	6	16.7	4.5	*	16.7	6.1	*	16.7	7.3	*
Initial Pacemaker Insertion	3	0.0	3.0	*	0.0	5.7	*	0.0	8.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	14	0.0	3.0	*	7.1	5.9	*	7.1	7.7	*
Open Reduction of Hip Fracture	8	0.0	4.5	*	0.0	8.4	*	0.0	10.9	*
Prostatectomy	33	0.0	0.4	*	3.0	1.0	*	6.1	1.7	*
Cholecystectomy	6	33.3	5.7	*	33.3	11.1	*	33.3	15.0	*
Hysterectomy	6	0.0	1.1	*	0.0	2.2	*	0.0	3.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	696	8.2	7.3	1.2	12.6	11.1	1.5	14.2	14.4	1.4
CONDITIONS:										
Acute Myocardial Infarction	17	29.4	28.9	*	29.4	31.7	*	29.4	34.7	*
Congestive Heart Failure	24	12.5	17.1	*	16.7	25.6	*	20.8	32.6	*
Pneumonia/Influenza	26	23.1	16.0	*	23.1	21.4	*	23.1	26.1	*
Chronic Obstructive Pulmonary Disease	5	20.0	9.6	*	40.0	16.5	*	40.0	21.7	*
Transient Cerebral Ischemia	11	0.0	1.8	*	0.0	3.9	*	0.0	6.2	*
Stroke	17	23.5	20.7	*	23.5	27.2	*	29.4	31.8	*
Hip Fracture	21	4.8	6.0	*	9.5	11.1	*	9.5	14.6	*
Sepsis	2	50.0	26.9	*	50.0	36.1	*	50.0	43.3	*
PROCEDURES:										
Angioplasty	1	0.0	1.1	*	0.0	1.7	*	0.0	2.5	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	25.0	3.1	*	25.0	6.2	*	25.0	9.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	15	0.0	3.6	*	0.0	6.8	*	0.0	8.9	*
Open Reduction of Hip Fracture	7	0.0	4.3	*	14.3	8.6	*	14.3	11.7	*
Prostatectomy	28	0.0	0.6	*	0.0	1.5	*	0.0	2.6	*
Cholecystectomy	16	6.3	3.0	*	6.3	5.5	*	12.5	7.3	*
Hysterectomy	5	0.0	0.6	*	0.0	1.2	*	0.0	2.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

Humana Hospital
Aurora

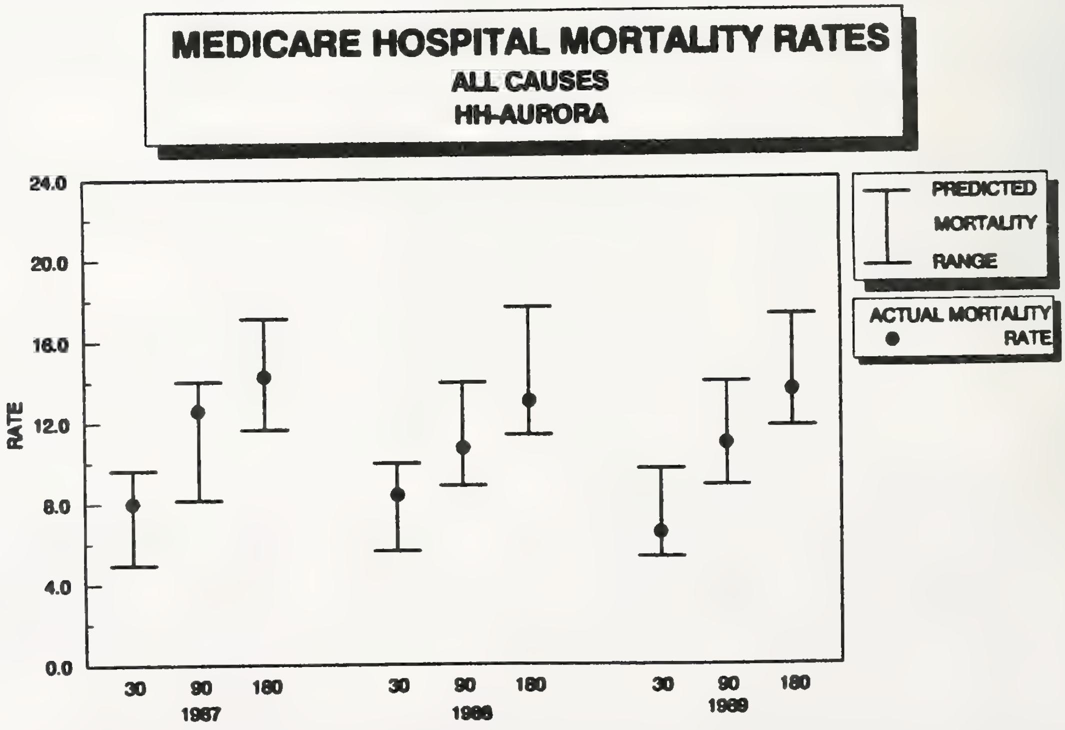
January 9, 1991
Medicare Provider #01-0411

Ms. Sandra Kappert
Health Care Financing Administration
Health Standards & Quality Bureau
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

Dear Ms. Kappert:

Thank you for the opportunity to review and comment on the Medicare mortality rates you provided for Humana Hospital-Aurora. Since the mortality rates will be interpreted by the public, it is essential the data be easily understandable. Unfortunately, the presentation of the data in the format you provided is difficult to understand, and wrong conclusions may be reached by readers attempting to evaluate the hospital's observed rate against the predicted mortality rate.

For areas where a standard deviation has been provided, we urge that a predicted range be calculated and displayed as in past years. This would allow for much less potential error of interpretation. To aid readers, in understanding the data for Humana Hospital-Aurora, we have computed a range for the "All Causes" category for the 30, 90 and 180-day intervals for 1987, 1988, and 1989. The range represents a 95 percent prediction interval using the technical information provided. The data are displayed graphically below.


MEDICARE HOSPITAL MORTALITY RATES
ALL CAUSES
HH-AURORA

SOURCE: HCFA - MEDICARE HOSPITAL MORTALITY INFORMATION 1987, 1988, 1989

The vertical lines represent the predicted ranges and the dot represents the hospital's observed rate.

For some categories, observed and predicted mortality rates are published without an accompanying standard deviation. If "the number of cases or deaths in any category is too small to permit satisfactory estimation of the standard deviation," it is also inappropriate to publish predicted rates in that category, due to the potential for misinterpretation.

We support the Health Care Financing Administration's continuing effort to provide reliable mortality data. Mortality rates are an important clinical indicator; however, they are not the sole element in evaluating patient care given in a hospital. At Humana Hospital-Aurora, we have established, in conjunction with our medical staff, an on-going, comprehensive quality management program.

Thank you again for the opportunity to review the data before publication. We hope you will give serious thought to our comments and not release the information to the public without modifying it to make it more meaningful and understandable.

Sincerely,

William K. Atkinson
Executive Director
Humana Hospital-Aurora

HUMANA HOSPITAL MOUNTAIN VIEW

9191 Grant St P O Box 291200
Thornton, CO 80229

Medicare Provider Number: 060065

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,184	8.5	8.8	0.8	12.5	13.2	1.2	15.2	16.8	1.6
CONDITIONS:										
Acute Myocardial Infarction	23	30.4	27.5	*	34.8	30.7	*	34.8	33.9	*
Congestive Heart Failure	64	9.4	14.4	7.2	17.2	22.3	7.8	21.9	28.9	7.8
Pneumonia/Influenza	74	14.9	16.8	4.6	23.0	23.1	5.5	27.0	27.8	5.3
Chronic Obstructive Pulmonary Disease	27	11.1	5.9	*	18.5	10.5	*	25.9	14.8	*
Transient Cerebral Ischemia	26	0.0	1.6	*	0.0	3.5	*	0.0	5.6	*
Stroke	22	27.3	22.4	*	31.8	29.2	*	31.8	33.9	*
Hip Fracture	30	13.3	5.5	*	16.7	9.9	*	20.0	13.0	*
Sepsis	29	31.0	23.4	*	31.0	29.7	*	31.0	34.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	13	7.7	4.1	*	7.7	8.0	*	15.4	11.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	23	13.0	2.8	*	17.4	5.5	*	21.7	7.8	*
Open Reduction of Hip Fracture	16	6.3	5.1	*	12.5	9.6	*	18.8	12.7	*
Prostatectomy	45	0.0	1.2	*	0.0	2.7	*	4.4	4.3	*
Cholecystectomy	31	6.5	6.6	*	9.7	10.6	*	9.7	12.8	*
Hysterectomy	4	25.0	0.5	*	25.0	0.9	*	25.0	1.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	180
Occupancy Rate	47
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	343
Percent of Physicians Board Certified Specialists	38
Medical Residents/Interns	0
Registered Nurses	101
Licensed Practical Nurses	9

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HUMANA HOSPITAL MOUNTAIN VIEW

Medicare Provider Number: 060065

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,030	9.0	9.2	1.0	13.2	13.9	1.4	17.3	17.5	1.4
CONDITIONS:										
Acute Myocardial Infarction	14	21.4	29.2	*	28.6	32.8	*	28.6	36.5	*
Congestive Heart Failure	53	13.2	15.8	5.1	18.9	24.2	6.7	24.5	31.1	7.4
Pneumonia/Influenza	75	18.7	17.9	4.7	26.7	24.1	5.5	36.0	28.7	7.3
Chronic Obstructive Pulmonary Disease	26	3.8	5.9	*	7.7	10.4	*	7.7	14.4	*
Transient Cerebral Ischemia	23	0.0	2.0	*	8.7	4.4	*	8.7	7.0	*
Stroke	28	21.4	17.6	*	32.1	23.5	*	32.1	27.6	*
Hip Fracture	38	5.3	6.6	*	10.5	11.7	*	15.8	14.8	*
Sepsis	12	25.0	32.2	*	33.3	41.0	*	58.3	47.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	0.0	2.8	*	0.0	5.0	*	0.0	7.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	16	0.0	2.7	*	0.0	5.0	*	0.0	6.6	*
Open Reduction of Hip Fracture	19	10.5	7.2	*	21.1	13.0	*	26.3	16.7	*
Prostatectomy	42	2.4	1.1	*	2.4	2.7	*	4.8	4.4	*
Cholecystectomy	43	7.0	2.6	*	7.0	4.6	*	14.0	5.9	*
Hysterectomy	6	0.0	0.4	*	0.0	0.8	*	0.0	1.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	896	7.6	10.3	1.8	13.6	15.3	1.7	17.2	19.1	1.7
CONDITIONS:										
Acute Myocardial Infarction	23	21.7	25.7	*	26.1	28.0	*	30.4	30.8	*
Congestive Heart Failure	53	13.2	16.5	7.8	20.8	24.6	9.9	26.4	31.4	8.4
Pneumonia/Influenza	71	8.5	17.6	7.3	14.1	24.3	8.1	19.7	29.6	8.4
Chronic Obstructive Pulmonary Disease	25	0.0	9.8	*	4.0	16.4	*	4.0	21.5	*
Transient Cerebral Ischemia	12	0.0	2.0	*	0.0	4.4	*	0.0	7.0	*
Stroke	24	29.2	26.2	*	33.3	32.6	*	41.7	37.3	*
Hip Fracture	19	15.8	7.6	*	15.8	13.6	*	26.3	17.5	*
Sepsis	12	16.7	25.4	*	33.3	32.7	*	33.3	38.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	17	0.0	3.1	*	11.8	7.1	*	17.6	11.0	*
Carotid Endarterectomy	3	0.0	1.4	*	0.0	2.6	*	0.0	3.7	*
Hip Replacement/Reconstruction	6	0.0	2.1	*	0.0	4.0	*	0.0	5.4	*
Open Reduction of Hip Fracture	14	21.4	7.1	*	21.4	13.2	*	28.6	17.0	*
Prostatectomy	22	4.5	1.9	*	4.5	4.3	*	4.5	6.5	*
Cholecystectomy	14	0.0	2.0	*	0.0	3.7	*	0.0	5.1	*
Hysterectomy	5	0.0	2.9	*	0.0	6.8	*	0.0	10.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

59.1

Jack Shapiro
Executive Director
Humana Hospital
Mountain View

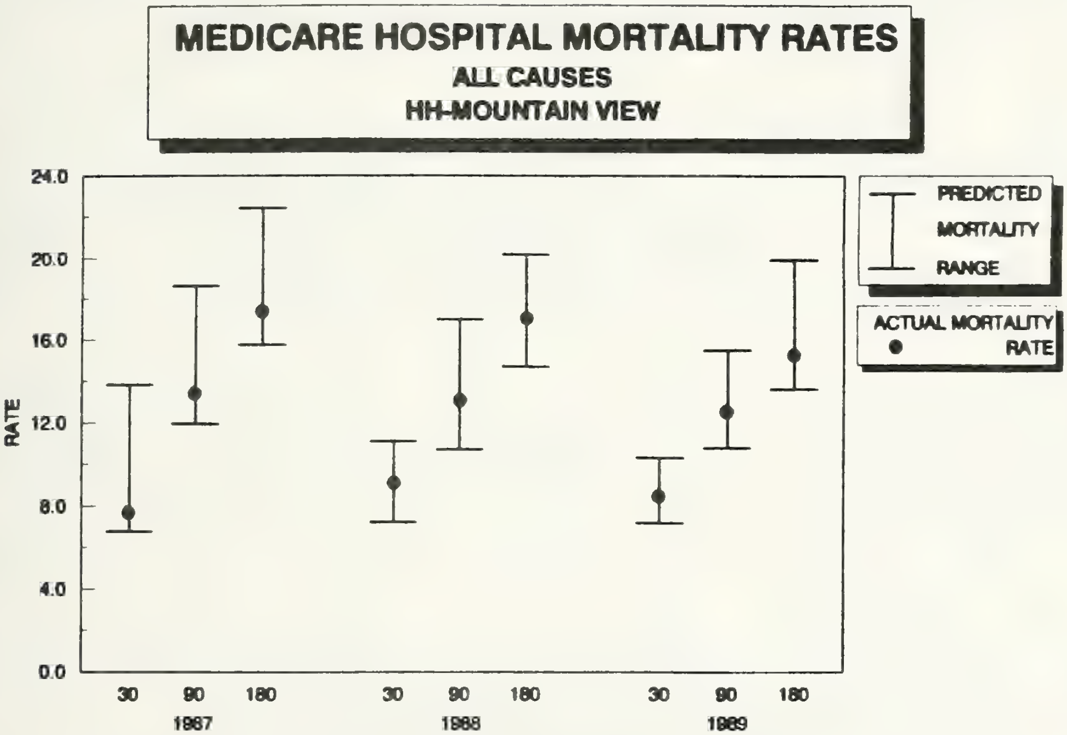
January 4, 1991

Ms. Sandra Kappert
Health Care Financing Administration
Health Standards and Quality Bureau
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Ms. Kappert:

Thank you for the opportunity to review and comment on the Medicare mortality rates you provided for Humana Hospital - Mountain View. Since the mortality rates will be interpreted by the public, it is essential the data be easily understandable. Unfortunately, the presentation of the data format you provided is difficult to understand, and wrong conclusions may be reached by readers attempting to evaluate the hospital's observed rate against the predicted mortality rate.

For areas where a standard deviation has been provided, we urge that a predicted range be calculated and displayed as in past years. This would allow for much less potential error of interpretation. [To aid readers, in understanding the data for Humana Hospital - Mountain View, we have computed a range for the "All Causes" category for the 30, 90, and 180-day intervals for 1987, 1988, and 1989. The range represents a 95% prediction interval using the technical information provided. The data are displayed graphically on the following page.



SOURCE: HCFA - MEDICARE HOSPITAL MORTALITY INFORMATION 1987, 1988, 1989

The vertical lines represent the predicted ranges and the dot represents the hospital's observed rate.]

For some categories, observed and predicted mortality rates are published without an accompanying standard deviation. If "the number of cases or deaths in any category is too small to permit satisfactory estimation of the standard deviation," it is also inappropriate to publish predicted rates in that category, due to the potential for misinterpretation.

We support the Health Care Financing Administration's continuing effort to provide reliable mortality data.

Mortality rates are an important clinical indicator; however, they are not the sole element in evaluating patient care given in a hospital. At Humana Hospital - Mountain View, we have established, in conjunction with our medical staff, an ongoing, comprehensive quality management program.

KIT CARSON COUNTY MEMORIAL HOSPITAL

286 16th St
Burlington, CO 80807

Medicare Provider Number: 060037

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	99	15.2	11.7	5.0	21.2	16.6	4.4	29.3	20.9	5.8
CONDITIONS:										
Acute Myocardial Infarction	3	33.3	22.9	*	33.3	26.1	*	33.3	29.5	*
Congestive Heart Failure	4	50.0	15.4	*	50.0	23.8	*	100.0	30.4	*
Pneumonia/Influenza	18	27.8	15.8	*	27.8	21.4	*	33.3	26.1	*
Chronic Obstructive Pulmonary Disease	2	0.0	4.7	*	0.0	8.9	*	0.0	12.8	*
Transient Cerebral Ischemia	0									
Stroke	6	33.3	17.9	*	33.3	24.2	*	33.3	28.9	*
Hip Fracture	0									
Sepsis	3	33.3	41.1	*	66.7	49.1	*	66.7	57.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	24
Occupancy Rate	29
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	2
Percent of Physicians Board Certified Specialists	50
Medical Residents/Interns	0
Registered Nurses	9
Licensed Practical Nurses	6

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

KIT CARSON COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 060037

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	100	15.0	13.5	3.9	21.0	19.0	4.6	24.0	23.2	4.5
CONDITIONS:										
Acute Myocardial Infarction	4	50.0	30.3	*	50.0	33.2	*	50.0	37.1	*
Congestive Heart Failure	3	33.3	15.5	*	33.3	23.3	*	33.3	29.8	*
Pneumonia/Influenza	17	17.6	21.5	*	23.5	29.1	*	23.5	34.7	*
Chronic Obstructive Pulmonary Disease	4	25.0	21.3	*	75.0	37.5	*	75.0	48.1	*
Transient Cerebral Ischemia	1	0.0	2.4	*	0.0	4.8	*	0.0	7.5	*
Stroke	3	0.0	24.5	*	0.0	32.1	*	33.3	37.6	*
Hip Fracture	0									
Sepsis	2	50.0	28.5	*	50.0	39.7	*	50.0	47.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	116	13.8	11.7	3.5	15.5	16.8	3.7	19.0	20.9	5.4
CONDITIONS:										
Acute Myocardial Infarction	8	50.0	36.1	*	50.0	39.4	*	50.0	42.9	*
Congestive Heart Failure	5	0.0	14.6	*	0.0	21.2	*	0.0	27.0	*
Pneumonia/Influenza	11	18.2	15.1	*	18.2	20.7	*	27.3	25.3	*
Chronic Obstructive Pulmonary Disease	6	0.0	12.5	*	0.0	19.6	*	0.0	24.9	*
Transient Cerebral Ischemia	0									
Stroke	3	33.3	22.8	*	33.3	28.8	*	33.3	33.8	*
Hip Fracture	0									
Sepsis	1	0.0	26.7	*	0.0	36.8	*	0.0	44.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

KREMMLING MEMORIAL HOSPITAL DISTRICT

212 S 4th St
Kremmling, CO 80459

Medicare Provider Number: 060090

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	26	7.7	9.1	*	15.4	15.1	*	23.1	19.7	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	4	25.0	15.4	*	25.0	21.4	*	25.0	26.1	*
Chronic Obstructive Pulmonary Disease	2	0.0	6.2	*	0.0	11.9	*	0.0	17.1	*
Transient Cerebral Ischemia	0									
Stroke	1	0.0	12.2	*	0.0	16.1	*	0.0	19.5	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	19.1	*	100.0	41.8	*	100.0	58.6	*
Hysterectomy	1	0.0	0.1	*	0.0	0.3	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	21
Occupancy Rate	14
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	2
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	9
Licensed Practical Nurses	2

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

KREMMLING MEMORIAL HOSPITAL DISTRICT

Medicare Provider Number: 060090

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	42	4.8	10.4	*	14.3	14.7	*	16.7	18.4	*
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	24.2	*	0.0	26.3	*	0.0	28.9	*
Congestive Heart Failure	1	0.0	8.3	*	0.0	12.7	*	0.0	16.9	*
Pneumonia/Influenza	6	0.0	9.7	*	16.7	14.4	*	16.7	18.4	*
Chronic Obstructive Pulmonary Disease	3	0.0	8.5	*	0.0	13.5	*	0.0	18.2	*
Transient Cerebral Ischemia	0									
Stroke	1	0.0	18.5	*	0.0	23.9	*	0.0	28.5	*
Hip Fracture	0									
Sepsis	2	0.0	13.8	*	0.0	17.7	*	0.0	22.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	82	7.3	8.2	3.4	11.0	11.9	4.2	11.0	15.0	5.2
CONDITIONS:										
Acute Myocardial Infarction	3	33.3	32.7	*	33.3	36.5	*	33.3	40.9	*
Congestive Heart Failure	6	16.7	10.4	*	16.7	16.2	*	16.7	21.6	*
Pneumonia/Influenza	6	0.0	7.5	*	0.0	10.7	*	0.0	13.3	*
Chronic Obstructive Pulmonary Disease	2	0.0	5.0	*	0.0	9.2	*	0.0	12.7	*
Transient Cerebral Ischemia	0									
Stroke	8	25.0	23.4	*	50.0	30.3	*	50.0	34.4	*
Hip Fracture	0									
Sepsis	1	0.0	8.7	*	0.0	13.1	*	0.0	17.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

LAPLATA COMMUNITY HOSPITAL

3801 Main Ave
Durango, CO 81301

Medicare Provider Number: 060039

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	163	6.7	6.4	2.2	9.8	9.8	2.6	12.9	12.6	2.8
CONDITIONS:										
Acute Myocardial Infarction	4	50.0	25.7	*	50.0	28.8	*	50.0	32.5	*
Congestive Heart Failure	3	0.0	19.1	*	0.0	29.3	*	0.0	37.0	*
Pneumonia/Influenza	12	16.7	13.4	*	25.0	19.1	*	25.0	23.6	*
Chronic Obstructive Pulmonary Disease	1	0.0	4.5	*	0.0	8.4	*	0.0	12.1	*
Transient Cerebral Ischemia	0									
Stroke	4	50.0	37.1	*	50.0	47.5	*	50.0	54.0	*
Hip Fracture	0									
Sepsis	1	100.0	24.2	*	100.0	44.2	*	100.0	55.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	38	0.0	0.8	*	0.0	2.0	*	0.0	3.4	*
Cholecystectomy	1	0.0	4.1	*	0.0	7.6	*	0.0	9.4	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	75
Occupancy Rate	36
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	27
Percent of Physicians Board Certified Specialists	89
Medical Residents/Interns	0
Registered Nurses	42
Licensed Practical Nurses	8

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

LAPLATA COMMUNITY HOSPITAL

Medicare Provider Number: 060039

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	154	7.1	8.9	2.6	13.0	13.5	3.3	15.6	17.3	3.4
CONDITIONS:										
Acute Myocardial Infarction	6	0.0	41.5	*	16.7	44.8	*	16.7	48.9	*
Congestive Heart Failure	6	0.0	18.0	*	0.0	28.7	*	16.7	36.9	*
Pneumonia/Influenza	11	18.2	12.6	*	18.2	17.7	*	18.2	21.8	*
Chronic Obstructive Pulmonary Disease	1	0.0	8.3	*	100.0	16.8	*	100.0	24.4	*
Transient Cerebral Ischemia	2	0.0	1.5	*	0.0	3.5	*	0.0	5.6	*
Stroke	2	50.0	18.0	*	50.0	23.0	*	50.0	27.4	*
Hip Fracture	3	0.0	3.3	*	0.0	6.3	*	0.0	8.6	*
Sepsis	5	20.0	22.1	*	40.0	29.2	*	40.0	34.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	19	0.0	1.0	*	0.0	2.4	*	0.0	4.0	*
Cholecystectomy	3	0.0	13.2	*	0.0	25.4	*	0.0	33.6	*
Hysterectomy	1	0.0	6.2	*	0.0	13.5	*	0.0	21.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	190	5.3	6.6	2.3	7.4	10.7	2.8	14.2	14.3	2.6
CONDITIONS:										
Acute Myocardial Infarction	4	25.0	30.9	*	25.0	34.3	*	25.0	38.9	*
Congestive Heart Failure	8	0.0	12.4	*	0.0	19.8	*	25.0	26.2	*
Pneumonia/Influenza	18	0.0	11.1	*	0.0	15.6	*	11.1	19.5	*
Chronic Obstructive Pulmonary Disease	10	0.0	9.5	*	10.0	17.2	*	10.0	23.1	*
Transient Cerebral Ischemia	1	0.0	2.1	*	0.0	4.1	*	0.0	6.6	*
Stroke	3	33.3	20.7	*	66.7	27.5	*	66.7	32.7	*
Hip Fracture	5	0.0	3.7	*	0.0	7.1	*	0.0	9.5	*
Sepsis	3	33.3	16.7	*	33.3	24.4	*	33.3	30.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	3	0.0	3.5	*	0.0	7.2	*	0.0	10.1	*
Prostatectomy	10	0.0	0.7	*	0.0	1.5	*	0.0	2.4	*
Cholecystectomy	7	0.0	1.2	*	0.0	2.0	*	0.0	2.7	*
Hysterectomy	2	0.0	0.3	*	0.0	0.6	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

LINCOLN COMMUNITY HOSPITAL

P O Box 248
Hugo, CO 80821

Medicare Provider Number: 060062

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	93	17.2	11.0	6.6	19.4	15.7	8.2	24.7	19.8	9.7
CONDITIONS:										
Acute Myocardial Infarction	8	62.5	35.5	*	62.5	39.8	*	62.5	44.6	*
Congestive Heart Failure	5	40.0	11.3	*	40.0	17.8	*	40.0	23.9	*
Pneumonia/Influenza	16	6.3	15.5	*	18.8	21.4	*	25.0	26.0	*
Chronic Obstructive Pulmonary Disease	7	28.6	9.4	*	28.6	15.9	*	28.6	21.5	*
Transient Cerebral Ischemia	0									
Stroke	3	66.7	21.0	*	66.7	27.1	*	66.7	32.0	*
Hip Fracture	0									
Sepsis	1	0.0	29.7	*	0.0	34.1	*	100.0	39.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	56
Occupancy Rate	61
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	3
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	0
Licensed Practical Nurses	0

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

LINCOLN COMMUNITY HOSPITAL

Medicare Provider Number: 060062

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	90	14.4	9.0	7.5	15.6	13.7	7.0	15.6	17.8	7.2
CONDITIONS:										
Acute Myocardial Infarction	2	50.0	39.6	*	50.0	42.5	*	50.0	46.3	*
Congestive Heart Failure	8	37.5	12.8	*	50.0	19.9	*	50.0	26.3	*
Pneumonia/Influenza	9	11.1	13.6	*	11.1	18.5	*	11.1	22.0	*
Chronic Obstructive Pulmonary Disease	7	0.0	6.9	*	0.0	12.0	*	0.0	16.8	*
Transient Cerebral Ischemia	0									
Stroke	3	33.3	21.3	*	33.3	27.7	*	33.3	32.7	*
Hip Fracture	0									
Sepsis	1	0.0	23.1	*	0.0	28.2	*	0.0	34.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	88	13.6	11.1	3.7	26.1	16.9	6.7	29.5	21.9	6.9
CONDITIONS:										
Acute Myocardial Infarction	5	40.0	36.3	*	40.0	40.0	*	40.0	44.8	*
Congestive Heart Failure	10	20.0	16.6	*	50.0	24.9	*	60.0	31.8	*
Pneumonia/Influenza	3	0.0	15.6	*	0.0	21.0	*	0.0	25.0	*
Chronic Obstructive Pulmonary Disease	8	25.0	9.7	*	37.5	15.0	*	37.5	19.1	*
Transient Cerebral Ischemia	0									
Stroke	4	25.0	18.4	*	25.0	24.2	*	25.0	28.7	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	1.2	*	0.0	2.2	*	0.0	3.0	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

LONGMONT UNITED HOSPITAL

1950 West Mountain View Ave
Longmont, CO 80501

Medicare Provider Number: 060003

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	1,086	8.5	7.5	1.3	12.4	11.4	1.3	15.6	14.6	1.3
CONDITIONS:										
Acute Myocardial Infarction	32	25.0	24.1	*	28.1	26.8	*	34.4	29.7	*
Congestive Heart Failure	45	24.4	16.1	*	28.9	24.2	*	40.0	31.2	*
Pneumonia/Influenza	47	12.8	13.0	*	19.1	18.4	*	19.1	22.6	*
Chronic Obstructive Pulmonary Disease	17	11.8	11.4	*	17.6	17.4	*	17.6	22.1	*
Transient Cerebral Ischemia	11	0.0	1.5	*	0.0	3.3	*	0.0	5.2	*
Stroke	41	29.3	17.5	*	36.6	24.2	*	41.5	28.7	*
Hip Fracture	41	4.9	6.2	*	17.1	11.4	*	22.0	15.0	*
Sepsis	4	75.0	33.0	*	75.0	43.8	*	75.0	51.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	3.0	*	20.0	5.6	*	20.0	8.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	22	4.5	2.9	*	13.6	5.8	*	18.2	7.9	*
Open Reduction of Hip Fracture	27	3.7	5.7	*	14.8	10.9	*	18.5	14.4	*
Prostatectomy	43	0.0	0.8	*	2.3	1.9	*	4.7	3.1	*
Cholecystectomy	24	8.3	3.1	*	8.3	5.3	*	8.3	6.7	*
Hysterectomy	17	0.0	0.9	*	0.0	2.0	*	5.9	3.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	128
Occupancy Rate	50
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	95
Percent of Physicians Board Certified Specialists	78
Medical Residents/Interns	0
Registered Nurses	188
Licensed Practical Nurses	22

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

LONGMONT UNITED HOSPITAL

Medicare Provider Number: 060003

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,100	9.5	8.1	0.9	13.4	12.0	1.2	15.8	15.2	1.3
CONDITIONS:										
Acute Myocardial Infarction	27	18.5	29.7	*	25.9	32.8	*	29.6	35.9	*
Congestive Heart Failure	55	18.2	14.4	5.6	25.5	22.0	5.9	30.9	28.5	6.3
Pneumonia/Influenza	42	23.8	12.9	*	26.2	17.7	*	31.0	21.5	*
Chronic Obstructive Pulmonary Disease	17	17.6	6.6	*	17.6	10.6	*	29.4	14.2	*
Transient Cerebral Ischemia	23	0.0	1.6	*	8.7	3.6	*	13.0	5.6	*
Stroke	49	20.4	19.2	*	28.6	26.1	*	28.6	30.8	*
Hip Fracture	47	10.6	7.4	*	10.6	12.9	*	17.0	16.2	*
Sepsis	4	0.0	25.5	*	0.0	34.4	*	25.0	41.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	33.3	5.9	*	33.3	10.3	*	33.3	13.7	*
Carotid Endarterectomy	1	0.0	1.1	*	0.0	2.0	*	0.0	2.9	*
Hip Replacement/Reconstruction	27	3.7	3.6	*	3.7	6.5	*	7.4	8.4	*
Open Reduction of Hip Fracture	31	6.5	6.3	*	6.5	11.7	*	9.7	15.1	*
Prostatectomy	37	0.0	0.6	*	0.0	1.4	*	0.0	2.3	*
Cholecystectomy	29	3.4	2.5	*	10.3	4.6	*	10.3	6.1	*
Hysterectomy	14	0.0	0.5	*	0.0	1.1	*	0.0	1.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,100	9.4	8.2	1.6	14.1	12.6	2.0	16.6	16.1	1.9
CONDITIONS:										
Acute Myocardial Infarction	33	27.3	26.1	*	33.3	29.1	*	36.4	32.1	*
Congestive Heart Failure	43	20.9	16.7	*	30.2	24.2	*	32.6	30.8	*
Pneumonia/Influenza	39	10.3	14.8	*	12.8	20.2	*	20.5	24.5	*
Chronic Obstructive Pulmonary Disease	32	18.8	8.0	*	21.9	13.0	*	25.0	17.1	*
Transient Cerebral Ischemia	15	0.0	1.9	*	6.7	4.1	*	13.3	6.5	*
Stroke	39	28.2	21.7	*	38.5	28.0	*	46.2	32.5	*
Hip Fracture	39	7.7	7.8	*	10.3	13.8	*	20.5	17.5	*
Sepsis	6	16.7	28.1	*	33.3	36.1	*	33.3	43.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	11	0.0	2.7	*	9.1	5.3	*	9.1	7.7	*
Carotid Endarterectomy	3	0.0	2.0	*	0.0	3.6	*	0.0	5.1	*
Hip Replacement/Reconstruction	28	0.0	3.5	*	0.0	6.7	*	10.7	8.8	*
Open Reduction of Hip Fracture	32	6.3	6.7	*	9.4	12.6	*	21.9	16.3	*
Prostatectomy	41	0.0	0.7	*	0.0	1.7	*	0.0	2.9	*
Cholecystectomy	18	0.0	2.6	*	0.0	4.4	*	5.6	5.9	*
Hysterectomy	7	14.3	1.6	*	14.3	3.2	*	14.3	4.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

LUTHERAN HOSPITAL

8300 W 38th Ave
Wheat Ridge, CO 80033

Medicare Provider Number: 060009

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,208	7.3	7.5	0.6	11.5	11.6	0.8	14.8	15.1	0.7
CONDITIONS:										
Acute Myocardial Infarction	101	23.8	24.6	4.9	30.7	27.8	5.1	31.7	31.2	5.2
Congestive Heart Failure	112	10.7	13.3	4.8	19.6	21.1	4.6	28.6	27.6	4.5
Pneumonia/Influenza	150	10.7	14.5	5.4	16.0	20.0	4.7	22.0	24.4	4.1
Chronic Obstructive Pulmonary Disease	62	11.3	6.1	6.2	14.5	10.9	5.8	17.7	15.3	5.6
Transient Cerebral Ischemia	33	0.0	1.8	*	3.0	3.9	*	9.1	6.2	*
Stroke	96	20.8	22.7	5.0	26.0	29.2	6.4	32.3	33.9	5.9
Hip Fracture	94	6.4	6.2	2.6	7.4	11.0	4.5	12.8	14.2	4.2
Sepsis	17	23.5	26.2	*	23.5	32.6	*	29.4	37.8	*
PROCEDURES:										
Angioplasty	20	15.0	4.4	*	15.0	6.0	*	15.0	7.6	*
Coronary Artery Bypass Graft	27	7.4	5.2	*	7.4	7.3	*	7.4	8.6	*
Initial Pacemaker Insertion	8	0.0	2.0	*	0.0	3.9	*	0.0	5.7	*
Carotid Endarterectomy	18	0.0	1.3	*	0.0	2.6	*	0.0	3.9	*
Hip Replacement/Reconstruction	80	2.5	3.0	2.2	3.7	5.4	3.6	3.7	7.2	4.3
Open Reduction of Hip Fracture	34	5.9	5.4	*	5.9	10.1	*	17.6	13.5	*
Prostatectomy	151	0.7	0.9	1.0	2.0	2.2	1.2	3.3	3.6	1.5
Cholecystectomy	70	2.9	2.8	3.0	8.6	4.8	4.7	10.0	6.1	6.3
Hysterectomy	34	0.0	0.6	*	0.0	1.1	*	2.9	1.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	301
Occupancy Rate	66
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	288
Percent of Physicians Board Certified Specialists	71
Medical Residents/Interns	0
Registered Nurses	610
Licensed Practical Nurses	22

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

LUTHERAN HOSPITAL

Medicare Provider Number: 060009

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,246	7.3	7.8	0.7	12.7	12.0	0.8	15.7	15.4	1.0
CONDITIONS:										
Acute Myocardial Infarction	117	26.5	28.3	4.5	30.8	31.6	4.7	34.2	35.2	4.9
Congestive Heart Failure	102	7.8	14.7	5.8	17.6	22.1	5.9	23.5	28.3	5.2
Pneumonia/Influenza	169	16.0	15.5	2.9	22.5	21.3	4.2	27.2	25.8	4.4
Chronic Obstructive Pulmonary Disease	52	11.5	5.8	5.3	15.4	10.7	6.7	19.2	15.3	7.2
Transient Cerebral Ischemia	48	2.1	1.9	*	6.3	4.0	*	6.3	6.1	*
Stroke	92	14.1	22.3	5.7	21.7	28.1	6.5	26.1	32.6	5.7
Hip Fracture	109	4.6	6.8	3.1	13.8	12.3	3.5	17.4	15.9	4.2
Sepsis	30	23.3	26.4	*	30.0	34.2	*	30.0	40.9	*
PROCEDURES:										
Angioplasty	7	14.3	3.3	*	28.6	4.0	*	28.6	4.9	*
Coronary Artery Bypass Graft	24	8.3	6.0	*	12.5	8.0	*	12.5	9.3	*
Initial Pacemaker Insertion	6	0.0	2.0	*	0.0	4.1	*	0.0	6.1	*
Carotid Endarterectomy	20	0.0	1.7	*	5.0	3.5	*	5.0	5.3	*
Hip Replacement/Reconstruction	99	2.0	2.9	2.3	6.1	5.6	2.9	8.1	7.5	2.8
Open Reduction of Hip Fracture	31	0.0	6.5	*	6.5	12.5	*	9.7	16.6	*
Prostatectomy	125	0.8	1.1	1.4	2.4	2.6	1.7	4.8	4.1	1.9
Cholecystectomy	79	7.6	3.7	3.8	11.4	6.2	5.5	11.4	7.9	7.0
Hysterectomy	31	0.0	0.8	*	0.0	1.8	*	3.2	2.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,109	8.1	7.7	0.6	12.1	11.8	0.7	14.7	15.3	0.8
CONDITIONS:										
Acute Myocardial Infarction	102	26.5	29.3	6.5	27.5	32.8	7.4	30.4	36.4	8.9
Congestive Heart Failure	102	16.7	14.8	3.9	17.6	22.6	5.1	24.5	29.2	5.6
Pneumonia/Influenza	155	10.3	15.0	3.8	16.8	20.6	4.2	19.4	25.3	5.1
Chronic Obstructive Pulmonary Disease	61	11.5	6.9	6.0	21.3	12.4	6.9	23.0	17.1	6.1
Transient Cerebral Ischemia	42	2.4	1.9	*	2.4	3.9	*	7.1	6.0	*
Stroke	91	15.4	20.4	6.7	24.2	26.6	8.5	26.4	31.1	8.2
Hip Fracture	110	10.0	6.7	5.1	17.3	12.2	6.9	20.0	16.0	6.9
Sepsis	20	30.0	27.5	*	35.0	35.2	*	35.0	41.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	2.5	*	0.0	5.0	*	20.0	7.3	*
Carotid Endarterectomy	15	0.0	1.6	*	0.0	3.1	*	0.0	4.6	*
Hip Replacement/Reconstruction	83	4.8	2.8	2.9	7.2	5.3	4.2	9.6	7.0	5.1
Open Reduction of Hip Fracture	25	8.0	4.8	*	8.0	9.1	*	8.0	12.2	*
Prostatectomy	148	0.7	1.0	0.9	1.4	2.6	1.7	4.1	4.4	1.8
Cholecystectomy	101	1.0	2.3	1.7	2.0	4.2	2.6	2.0	5.7	3.4
Hysterectomy	43	2.3	1.0	*	4.7	1.9	*	4.7	2.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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8300 West 38th Avenue
Wheat Ridge, Colorado 80033
(303) 425-4500

Lutheran
Medical Center

January 15, 1991

Medicare Provider #
060009

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

Dear Mrs. Kappert,

Thank you for the opportunity to respond to the Medicare Mortality Information for 1987 - 1989. This year's report methodology appears to be significantly improved over that used in years past. We appreciate your continuing efforts to update and improve your methodology and the resulting reports.

As in past years, this information will be shared with our quality assurance committees for their information and further investigation. We welcome the mortality report as another source of information in our quality assurance processes.

Sincerely,

Frank Traylor

Frank Traylor, M.D.
President
Lutheran Medical Center

MCKEE MEDICAL CENTER

2000 Boise Ave
Loveland, CO 80538

Medicare Provider Number: 060030

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,073	8.0	8.1	1.0	12.2	12.2	1.0	15.2	15.6	1.2
CONDITIONS:										
Acute Myocardial Infarction	32	31.3	24.6	*	31.3	27.7	*	31.3	31.1	*
Congestive Heart Failure	38	13.2	14.5	*	23.7	22.7	*	26.3	29.5	*
Pneumonia/Influenza	66	22.7	14.7	7.4	28.8	20.2	8.9	33.3	24.5	10.4
Chronic Obstructive Pulmonary Disease	14	0.0	7.0	*	0.0	12.3	*	0.0	17.2	*
Transient Cerebral Ischemia	11	0.0	2.6	*	0.0	6.0	*	0.0	9.8	*
Stroke	41	12.2	19.4	*	12.2	24.7	*	14.6	28.9	*
Hip Fracture	31	0.0	6.5	*	0.0	12.1	*	3.2	16.0	*
Sepsis	22	13.6	27.7	*	18.2	33.3	*	22.7	38.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	0.0	3.4	*	0.0	7.4	*	11.1	11.5	*
Carotid Endarterectomy	2	0.0	1.1	*	0.0	2.0	*	0.0	3.0	*
Hip Replacement/Reconstruction	22	4.5	3.3	*	4.5	6.4	*	4.5	8.8	*
Open Reduction of Hip Fracture	17	0.0	5.5	*	0.0	10.7	*	5.9	14.3	*
Prostatectomy	63	0.0	0.6	1.5	3.2	1.6	1.9	4.8	2.7	2.7
Cholecystectomy	30	0.0	3.8	*	3.3	7.1	*	3.3	9.5	*
Hysterectomy	16	0.0	0.5	*	0.0	1.1	*	6.3	1.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	105
Occupancy Rate	51
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	69
Percent of Physicians Board Certified Specialists	81
Medical Residents/Interns	0
Registered Nurses	114
Licensed Practical Nurses	18

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MCKEE MEDICAL CENTER

Medicare Provider Number: 060030

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,121	7.7	8.4	0.9	11.0	12.5	1.3	14.6	15.8	1.3
CONDITIONS:										
Acute Myocardial Infarction	32	25.0	24.1	*	28.1	26.8	*	31.3	29.9	*
Congestive Heart Failure	30	13.3	16.2	*	16.7	24.8	*	43.3	31.5	*
Pneumonia/Influenza	50	10.0	15.7	*	14.0	21.6	*	14.0	26.1	*
Chronic Obstructive Pulmonary Disease	21	4.8	6.6	*	9.5	12.4	*	19.0	17.3	*
Transient Cerebral Ischemia	16	0.0	1.5	*	0.0	3.2	*	0.0	4.9	*
Stroke	44	15.9	18.6	*	20.5	25.0	*	20.5	29.5	*
Hip Fracture	42	14.3	8.3	*	21.4	14.9	*	28.6	19.2	*
Sepsis	28	17.9	24.4	*	21.4	30.7	*	21.4	36.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	0.0	6.6	*	0.0	10.3	*	0.0	14.0	*
Carotid Endarterectomy	1	0.0	1.6	*	0.0	3.2	*	0.0	4.7	*
Hip Replacement/Reconstruction	30	6.7	5.2	*	10.0	10.2	*	20.0	13.7	*
Open Reduction of Hip Fracture	20	5.0	6.8	*	15.0	13.3	*	25.0	18.1	*
Prostatectomy	57	0.0	1.1	2.2	1.8	2.8	3.2	5.3	4.7	3.4
Cholecystectomy	41	0.0	3.8	*	0.0	6.7	*	0.0	8.7	*
Hysterectomy	15	0.0	0.3	*	0.0	0.6	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	990	8.9	9.0	1.0	12.2	13.5	1.5	15.6	17.1	1.9
CONDITIONS:										
Acute Myocardial Infarction	39	25.6	26.9	*	25.6	30.4	*	30.8	34.0	*
Congestive Heart Failure	39	12.8	16.0	*	17.9	24.2	*	23.1	31.1	*
Pneumonia/Influenza	48	8.3	16.7	*	16.7	23.1	*	22.9	28.2	*
Chronic Obstructive Pulmonary Disease	24	4.2	9.6	*	8.3	16.4	*	16.7	21.8	*
Transient Cerebral Ischemia	14	0.0	2.2	*	0.0	4.9	*	7.1	7.8	*
Stroke	30	23.3	23.9	*	30.0	30.2	*	36.7	34.9	*
Hip Fracture	25	20.0	6.8	*	20.0	11.8	*	24.0	15.3	*
Sepsis	18	16.7	33.5	*	27.8	41.8	*	33.3	48.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	6.9	*	0.0	9.7	*	0.0	11.8	*
Carotid Endarterectomy	2	0.0	1.4	*	0.0	2.6	*	0.0	3.8	*
Hip Replacement/Reconstruction	15	20.0	5.1	*	20.0	9.0	*	26.7	11.5	*
Open Reduction of Hip Fracture	11	9.1	4.8	*	9.1	8.9	*	9.1	11.7	*
Prostatectomy	47	0.0	0.7	*	0.0	1.8	*	0.0	3.1	*
Cholecystectomy	26	0.0	1.6	*	3.8	2.8	*	3.8	3.7	*
Hysterectomy	12	0.0	1.1	*	0.0	2.4	*	8.3	3.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MELISSA MEMORIAL HOSPITAL

505 South Baxter
Holyoke, CO 80734

Medicare Provider Number: 060038

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	97	5.2	11.7	4.1	8.2	17.0	5.2	10.3	21.0	5.9
CONDITIONS:										
Acute Myocardial Infarction	2	50.0	40.8	*	50.0	44.4	*	50.0	47.8	*
Congestive Heart Failure	5	0.0	22.1	*	0.0	34.4	*	0.0	42.9	*
Pneumonia/Influenza	10	10.0	27.4	*	20.0	36.3	*	30.0	42.4	*
Chronic Obstructive Pulmonary Disease	3	0.0	8.3	*	0.0	12.8	*	0.0	16.6	*
Transient Cerebral Ischemia	2	0.0	2.9	*	0.0	6.6	*	0.0	10.7	*
Stroke	4	0.0	14.9	*	0.0	19.9	*	0.0	23.9	*
Hip Fracture	2	0.0	4.6	*	0.0	8.6	*	50.0	11.7	*
Sepsis	1	0.0	6.8	*	0.0	8.9	*	0.0	10.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	5.3	*	0.0	9.7	*	0.0	12.7	*
Open Reduction of Hip Fracture	0									
Prostatectomy	3	0.0	0.7	*	0.0	1.6	*	0.0	2.7	*
Cholecystectomy	2	0.0	1.1	*	0.0	1.8	*	0.0	2.4	*
Hysterectomy	2	0.0	0.3	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	18
Occupancy Rate	44
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	25
Percent of Physicians Board Certified Specialists	76
Medical Residents/Interns	0
Registered Nurses	7
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MELISSA MEMORIAL HOSPITAL

Medicare Provider Number: 060038

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	77	13.0	10.2	4.1	18.2	15.7	4.6	19.5	20.2	5.3
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	13.7	*	0.0	18.2	*	0.0	22.4	*
Congestive Heart Failure	4	50.0	21.7	*	50.0	32.2	*	50.0	40.1	*
Pneumonia/Influenza	9	11.1	12.5	*	22.2	17.4	*	22.2	21.1	*
Chronic Obstructive Pulmonary Disease	4	0.0	9.3	*	0.0	14.6	*	0.0	19.4	*
Transient Cerebral Ischemia	0									
Stroke	1	100.0	19.2	*	100.0	30.2	*	100.0	36.8	*
Hip Fracture	2	0.0	13.7	*	0.0	21.4	*	0.0	25.5	*
Sepsis	2	50.0	19.0	*	50.0	23.3	*	50.0	28.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	13.1	*	0.0	21.3	*	0.0	25.4	*
Open Reduction of Hip Fracture	0									
Prostatectomy	10	0.0	0.9	*	0.0	2.1	*	0.0	3.6	*
Cholecystectomy	1	0.0	0.8	*	0.0	1.5	*	0.0	2.0	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	55	14.5	11.3	5.0	14.5	16.7	5.4	18.2	20.9	6.3
CONDITIONS:										
Acute Myocardial Infarction	4	25.0	30.4	*	25.0	33.5	*	25.0	37.0	*
Congestive Heart Failure	3	0.0	18.2	*	0.0	27.5	*	0.0	35.0	*
Pneumonia/Influenza	4	0.0	8.0	*	0.0	11.1	*	0.0	13.9	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	3	0.0	17.3	*	0.0	24.3	*	33.3	28.7	*
Hip Fracture	4	25.0	7.3	*	25.0	13.5	*	25.0	17.9	*
Sepsis	1	0.0	15.9	*	0.0	24.3	*	0.0	29.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	33.3	6.8	*	33.3	13.0	*	33.3	17.3	*
Open Reduction of Hip Fracture	1	0.0	6.2	*	0.0	12.2	*	0.0	16.7	*
Prostatectomy	4	0.0	1.0	*	0.0	2.4	*	0.0	3.8	*
Cholecystectomy	1	0.0	0.9	*	0.0	1.7	*	0.0	2.4	*
Hysterectomy	1	0.0	0.3	*	0.0	0.6	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MEMORIAL HOSPITAL

1400 East Boulder
Colorado Springs, CO 80909

Medicare Provider Number: 060022

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,456	9.6	7.9	1.0	14.6	12.2	1.4	17.4	15.6	1.3
CONDITIONS:										
Acute Myocardial Infarction	55	21.8	21.6	6.6	27.3	24.1	7.3	29.1	27.1	6.5
Congestive Heart Failure	42	9.5	14.5	*	21.4	22.7	*	31.0	29.6	*
Pneumonia/Influenza	51	17.6	13.6	6.8	21.6	18.7	6.6	27.5	22.7	8.1
Chronic Obstructive Pulmonary Disease	36	19.4	8.1	*	25.0	13.7	*	33.3	18.6	*
Transient Cerebral Ischemia	20	5.0	1.6	*	5.0	3.5	*	5.0	5.7	*
Stroke	41	19.5	17.9	*	22.0	23.4	*	24.4	27.4	*
Hip Fracture	53	7.5	5.7	6.5	17.0	10.8	9.5	18.9	14.5	8.8
Sepsis	23	34.8	22.8	*	43.5	29.5	*	43.5	35.1	*
PROCEDURES:										
Angioplasty	38	5.3	4.0	*	5.3	5.1	*	5.3	6.3	*
Coronary Artery Bypass Graft	22	13.6	5.7	*	22.7	7.6	*	22.7	8.8	*
Initial Pacemaker Insertion	10	0.0	2.2	*	0.0	4.5	*	0.0	6.8	*
Carotid Endarterectomy	4	0.0	1.3	*	0.0	2.4	*	0.0	3.5	*
Hip Replacement/Reconstruction	33	0.0	2.5	*	3.0	5.0	*	6.1	6.9	*
Open Reduction of Hip Fracture	26	7.7	5.2	*	23.1	10.2	*	23.1	13.9	*
Prostatectomy	43	0.0	0.9	*	4.7	2.2	*	7.0	3.6	*
Cholecystectomy	33	3.0	3.2	*	6.1	5.3	*	6.1	6.5	*
Hysterectomy	11	0.0	0.7	*	0.0	1.4	*	0.0	1.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	367
Occupancy Rate	50
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	243
Percent of Physicians Board Certified Specialists	94
Medical Residents/Interns	0
Registered Nurses	499
Licensed Practical Nurses	29

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

MEMORIAL HOSPITAL

Medicare Provider Number: 060022

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,181	8.3	8.0	0.8	13.0	12.1	1.2	15.7	15.5	1.2
CONDITIONS:										
Acute Myocardial Infarction	43	25.6	24.8	*	30.2	27.7	*	34.9	30.9	*
Congestive Heart Failure	40	10.0	15.4	*	22.5	22.6	*	22.5	28.8	*
Pneumonia/Influenza	44	13.6	15.6	*	20.5	21.2	*	22.7	25.7	*
Chronic Obstructive Pulmonary Disease	18	0.0	5.6	*	5.6	9.4	*	5.6	13.0	*
Transient Cerebral Ischemia	9	0.0	1.7	*	0.0	3.6	*	0.0	5.6	*
Stroke	29	17.2	20.4	*	17.2	27.6	*	20.7	32.1	*
Hip Fracture	40	15.0	5.8	*	22.5	10.6	*	22.5	13.6	*
Sepsis	11	27.3	17.0	*	27.3	23.6	*	36.4	28.8	*
PROCEDURES:										
Angioplasty	36	8.3	3.3	*	8.3	4.1	*	8.3	5.0	*
Coronary Artery Bypass Graft	36	5.6	5.8	*	11.1	8.1	*	13.9	9.5	*
Initial Pacemaker Insertion	2	0.0	2.2	*	0.0	4.6	*	0.0	7.2	*
Carotid Endarterectomy	8	0.0	1.3	*	0.0	2.4	*	0.0	3.5	*
Hip Replacement/Reconstruction	33	9.1	2.8	*	9.1	5.4	*	9.1	7.4	*
Open Reduction of Hip Fracture	17	11.8	4.3	*	17.6	8.3	*	17.6	11.1	*
Prostatectomy	41	0.0	1.0	*	4.9	2.6	*	7.3	4.4	*
Cholecystectomy	16	6.3	2.4	*	12.5	4.3	*	12.5	5.6	*
Hysterectomy	7	0.0	1.1	*	14.3	2.0	*	14.3	2.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,208	8.1	8.5	0.9	12.7	12.7	1.0	17.3	16.2	1.2
CONDITIONS:										
Acute Myocardial Infarction	37	21.6	24.1	*	21.6	27.6	*	21.6	31.3	*
Congestive Heart Failure	36	13.9	16.7	*	16.7	25.4	*	36.1	32.6	*
Pneumonia/Influenza	46	19.6	15.8	*	26.1	21.3	*	34.8	26.0	*
Chronic Obstructive Pulmonary Disease	24	16.7	12.1	*	29.2	18.8	*	33.3	23.8	*
Transient Cerebral Ischemia	20	0.0	1.8	*	5.0	3.8	*	5.0	5.9	*
Stroke	32	34.4	27.6	*	43.8	33.3	*	43.8	37.7	*
Hip Fracture	39	7.7	5.6	*	10.3	10.2	*	12.8	13.4	*
Sepsis	7	0.0	19.3	*	14.3	28.5	*	28.6	35.2	*
PROCEDURES:										
Angioplasty	21	0.0	5.6	*	0.0	6.9	*	0.0	8.4	*
Coronary Artery Bypass Graft	41	7.3	5.2	*	9.8	7.5	*	14.6	8.9	*
Initial Pacemaker Insertion	8	0.0	2.5	*	0.0	5.6	*	12.5	8.6	*
Carotid Endarterectomy	9	0.0	1.9	*	0.0	3.5	*	11.1	5.1	*
Hip Replacement/Reconstruction	31	3.2	2.9	*	6.5	5.5	*	9.7	7.5	*
Open Reduction of Hip Fracture	15	6.7	4.6	*	6.7	9.2	*	13.3	12.4	*
Prostatectomy	45	2.2	1.2	*	2.2	2.8	*	2.2	4.8	*
Cholecystectomy	38	5.3	3.1	*	10.5	5.8	*	10.5	7.9	*
Hysterectomy	14	0.0	0.6	*	0.0	1.2	*	0.0	1.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MEMORIAL HOSPITAL

785 Russell St
Craig, CO 81625

Medicare Provider Number: 060046

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	148	12.2	8.2	4.5	15.5	12.4	4.6	18.2	15.8	4.4
CONDITIONS:										
Acute Myocardial Infarction	8	25.0	18.1	*	25.0	20.6	*	25.0	23.6	*
Congestive Heart Failure	6	16.7	13.9	*	33.3	22.5	*	33.3	29.8	*
Pneumonia/Influenza	9	33.3	11.4	*	33.3	16.0	*	44.4	19.6	*
Chronic Obstructive Pulmonary Disease	3	0.0	3.7	*	0.0	8.1	*	33.3	12.2	*
Transient Cerebral Ischemia	2	0.0	1.2	*	0.0	2.3	*	0.0	3.6	*
Stroke	0									
Hip Fracture	0									
Sepsis	1	0.0	14.2	*	100.0	19.9	*	100.0	24.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	4	0.0	1.9	*	0.0	2.8	*	0.0	3.4	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	27
Occupancy Rate	30
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	12
Percent of Physicians Board Certified Specialists	67
Medical Residents/Interns	0
Registered Nurses	18
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MEMORIAL HOSPITAL

Medicare Provider Number: 060046

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	129	12.4	11.6	3.8	18.6	16.6	3.7	20.9	20.4	3.8
CONDITIONS:										
Acute Myocardial Infarction	4	25.0	32.0	*	50.0	37.9	*	50.0	43.0	*
Congestive Heart Failure	1	0.0	24.0	*	0.0	39.9	*	0.0	51.2	*
Pneumonia/Influenza	10	30.0	19.1	*	30.0	26.0	*	30.0	31.2	*
Chronic Obstructive Pulmonary Disease	6	33.3	11.9	*	33.3	21.6	*	33.3	29.0	*
Transient Cerebral Ischemia	0									
Stroke	6	16.7	27.1	*	33.3	33.7	*	33.3	38.8	*
Hip Fracture	1	0.0	3.2	*	0.0	6.2	*	0.0	8.5	*
Sepsis	1	100.0	37.8	*	100.0	42.0	*	100.0	47.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	9	0.0	1.7	*	0.0	3.2	*	11.1	4.2	*
Hysterectomy	2	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	122	12.3	9.4	4.0	16.4	13.7	4.1	19.7	17.1	4.7
CONDITIONS:										
Acute Myocardial Infarction	7	14.3	18.4	*	14.3	21.2	*	14.3	24.2	*
Congestive Heart Failure	4	0.0	11.1	*	25.0	16.4	*	25.0	21.6	*
Pneumonia/Influenza	7	14.3	12.4	*	28.6	17.3	*	28.6	21.4	*
Chronic Obstructive Pulmonary Disease	3	0.0	10.3	*	0.0	16.6	*	0.0	22.0	*
Transient Cerebral Ischemia	2	0.0	1.2	*	0.0	2.6	*	0.0	4.0	*
Stroke	5	40.0	23.3	*	40.0	29.7	*	60.0	34.7	*
Hip Fracture	0									
Sepsis	3	66.7	31.1	*	66.7	37.2	*	66.7	42.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	4.2	*	0.0	6.9	*	0.0	9.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	4	0.0	1.8	*	0.0	2.7	*	0.0	3.5	*
Hysterectomy	2	0.0	0.5	*	0.0	0.9	*	0.0	1.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MERCY MEDICAL CENTER

1650 Fillmore St
Denver, CO 80206

Medicare Provider Number: 060026

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,610	9.6	8.4	0.9	15.2	13.1	1.2	18.8	16.8	1.3
CONDITIONS:										
Acute Myocardial Infarction	36	25.0	25.2	*	27.8	28.1	*	30.6	31.2	*
Congestive Heart Failure	71	16.9	14.6	4.6	21.1	21.5	5.6	31.0	27.9	6.8
Pneumonia/Influenza	96	19.8	16.4	4.4	25.0	22.2	4.5	29.2	26.5	5.3
Chronic Obstructive Pulmonary Disease	31	12.9	8.9	*	22.6	15.6	*	22.6	21.1	*
Transient Cerebral Ischemia	7	14.3	2.0	*	14.3	4.2	*	14.3	6.7	*
Stroke	59	16.9	18.6	6.3	25.4	24.9	5.7	27.1	29.4	6.9
Hip Fracture	44	2.3	7.1	*	6.8	13.1	*	13.6	17.3	*
Sepsis	6	33.3	39.9	*	50.0	49.5	*	50.0	57.5	*
PROCEDURES:										
Angioplasty	12	0.0	3.4	*	0.0	4.2	*	0.0	5.3	*
Coronary Artery Bypass Graft	12	16.7	5.0	*	16.7	7.6	*	16.7	9.4	*
Initial Pacemaker Insertion	16	12.5	4.5	*	12.5	7.6	*	18.8	10.1	*
Carotid Endarterectomy	10	0.0	1.1	*	0.0	2.0	*	0.0	2.9	*
Hip Replacement/Reconstruction	45	0.0	2.0	*	4.4	3.8	*	6.7	5.2	*
Open Reduction of Hip Fracture	7	0.0	5.2	*	0.0	9.8	*	0.0	12.8	*
Prostatectomy	67	1.5	1.0	1.3	1.5	2.5	2.3	3.0	4.3	2.7
Cholecystectomy	34	5.9	2.7	*	5.9	4.6	*	8.8	6.0	*
Hysterectomy	3	0.0	0.3	*	0.0	0.5	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1990

Total Beds	386
Ownership/Control	Church
STAFFING:	
Medical Residents/Interns	25
Registered Nurses	200
Licensed Practical Nurses	4

SPECIALTY SERVICES:	
Burn Unit	No
Coronary Care Unit	Yes
Hospice	No
Intensive Care Unit	Yes
Organ Transplant	No
Rehabilitation	Yes
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

MERCY MEDICAL CENTER

Medicare Provider Number: 060026

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,496	9.8	8.7	1.1	15.8	13.5	1.3	19.3	17.3	1.4
CONDITIONS:										
Acute Myocardial Infarction	34	5.9	25.0	*	14.7	28.6	*	20.6	32.3	*
Congestive Heart Failure	69	11.6	16.7	4.8	20.3	23.8	6.9	39.1	30.5	6.4
Pneumonia/Influenza	70	17.1	17.2	6.4	25.7	23.2	8.4	28.6	27.5	5.7
Chronic Obstructive Pulmonary Disease	48	8.3	7.9	*	14.6	13.7	*	22.9	18.8	*
Transient Cerebral Ischemia	9	0.0	3.1	*	0.0	6.8	*	0.0	10.9	*
Stroke	43	20.9	22.3	*	30.2	29.1	*	34.9	33.9	*
Hip Fracture	53	18.9	8.3	6.0	26.4	14.7	6.6	26.4	18.6	7.0
Sepsis	8	37.5	22.5	*	37.5	27.4	*	37.5	32.5	*
PROCEDURE:										
Angioplasty	6	0.0	2.7	*	0.0	3.7	*	0.0	4.7	*
Coronary Artery Bypass Graft	14	0.0	4.7	*	0.0	6.3	*	0.0	7.5	*
Initial Pacemaker Insertion	8	0.0	5.7	*	0.0	11.4	*	0.0	16.1	*
Carotid Endarterectomy	7	0.0	1.9	*	14.3	3.7	*	28.6	5.4	*
Hip Replacement/Reconstruction	44	6.8	2.6	*	6.8	4.9	*	6.8	6.5	*
Open Reduction of Hip Fracture	12	16.7	5.9	*	33.3	11.3	*	33.3	15.0	*
Prostatectomy	85	1.2	0.6	1.0	2.4	1.5	1.5	2.4	2.5	1.7
Cholecystectomy	30	3.3	3.4	*	10.0	6.6	*	10.0	9.0	*
Hysterectomy	8	12.5	0.7	*	12.5	2.0	*	12.5	3.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,537	9.4	8.8	0.8	14.4	13.6	1.0	18.5	17.3	1.5
CONDITIONS:										
Acute Myocardial Infarction	32	21.9	28.0	*	21.9	31.2	*	21.9	34.5	*
Congestive Heart Failure	68	17.6	16.8	4.6	22.1	23.8	5.6	30.9	30.2	5.7
Pneumonia/Influenza	71	14.1	16.3	4.9	21.1	22.3	5.2	29.6	26.6	6.2
Chronic Obstructive Pulmonary Disease	38	13.2	12.4	*	28.9	20.2	*	31.6	25.9	*
Transient Cerebral Ischemia	15	0.0	2.2	*	13.3	4.9	*	13.3	7.8	*
Stroke	54	16.7	21.1	6.6	25.9	27.2	6.3	29.6	31.5	7.1
Hip Fracture	47	8.5	7.5	*	10.6	13.3	*	25.5	17.0	*
Sepsis	5	0.0	26.9	*	40.0	34.2	*	60.0	40.2	*
PROCEDURES:										
Angioplasty	4	0.0	2.9	*	0.0	4.2	*	0.0	5.6	*
Coronary Artery Bypass Graft	13	7.7	6.1	*	7.7	8.1	*	7.7	9.2	*
Initial Pacemaker Insertion	10	0.0	3.7	*	0.0	6.3	*	10.0	8.5	*
Carotid Endarterectomy	6	0.0	2.0	*	0.0	3.9	*	0.0	5.7	*
Hip Replacement/Reconstruction	36	5.6	3.9	*	8.3	7.5	*	13.9	10.1	*
Open Reduction of Hip Fracture	11	0.0	7.0	*	0.0	12.2	*	27.3	15.4	*
Prostatectomy	84	1.2	0.8	1.1	1.2	2.0	1.7	2.4	3.4	2.2
Cholecystectomy	31	9.7	2.4	*	16.1	4.2	*	16.1	5.3	*
Hysterectomy	10	0.0	0.5	*	0.0	1.1	*	0.0	1.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MERCY MEDICAL CENTER OF DURANGO

375 E Park Ave
Durango, CO 81301

Medicare Provider Number: 060013

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	752	8.1	8.2	1.2	11.3	12.6	1.9	14.0	16.0	2.7
CONDITIONS:										
Acute Myocardial Infarction	20	35.0	21.8	*	35.0	24.5	*	35.0	27.4	*
Congestive Heart Failure	15	6.7	13.6	*	6.7	20.7	*	20.0	26.7	*
Pneumonia/Influenza	51	13.7	16.4	7.3	21.6	22.3	6.5	23.5	27.1	7.5
Chronic Obstructive Pulmonary Disease	8	25.0	5.9	*	25.0	11.3	*	25.0	16.2	*
Transient Cerebral Ischemia	11	0.0	1.8	*	9.1	3.7	*	9.1	5.8	*
Stroke	18	11.1	21.1	*	11.1	27.6	*	16.7	32.0	*
Hip Fracture	25	4.0	5.6	*	4.0	10.0	*	8.0	13.0	*
Sepsis	5	20.0	30.5	*	20.0	44.0	*	40.0	53.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	2.6	*	0.0	6.3	*	0.0	9.9	*
Carotid Endarterectomy	11	0.0	1.9	*	0.0	3.4	*	0.0	5.3	*
Hip Replacement/Reconstruction	16	0.0	3.0	*	0.0	5.6	*	0.0	7.6	*
Open Reduction of Hip Fracture	17	5.9	4.8	*	5.9	9.1	*	11.8	12.0	*
Prostatectomy	30	0.0	1.0	*	6.7	2.4	*	6.7	4.1	*
Cholecystectomy	18	11.1	4.7	*	11.1	7.8	*	16.7	9.8	*
Hysterectomy	18	0.0	1.0	*	0.0	2.1	*	0.0	3.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	105
Occupancy Rate	57
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

MERCY MEDICAL CENTER OF DURANGO

Medicare Provider Number: 060013

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	734	8.6	9.1	1.3	14.0	13.9	1.3	16.5	17.5	1.6
CONDITIONS:										
Acute Myocardial Infarction	18	11.1	25.9	*	16.7	28.7	*	22.2	32.0	*
Congestive Heart Failure	16	6.3	16.1	*	18.8	24.0	*	25.0	30.7	*
Pneumonia/Influenza	51	7.8	15.0	8.4	13.7	20.6	7.6	19.6	25.0	7.0
Chronic Obstructive Pulmonary Disease	10	0.0	8.1	*	10.0	13.1	*	10.0	17.8	*
Transient Cerebral Ischemia	6	0.0	1.7	*	16.7	3.3	*	16.7	5.1	*
Stroke	19	36.8	26.3	*	42.1	34.0	*	42.1	39.1	*
Hip Fracture	20	10.0	5.6	*	25.0	10.1	*	25.0	13.2	*
Sepsis	7	14.3	27.9	*	14.3	37.0	*	14.3	42.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	1.7	*	0.0	3.8	*	0.0	5.9	*
Carotid Endarterectomy	16	0.0	1.6	*	0.0	2.9	*	0.0	4.3	*
Hip Replacement/Reconstruction	20	0.0	2.2	*	0.0	4.1	*	0.0	5.5	*
Open Reduction of Hip Fracture	12	16.7	5.2	*	33.3	9.9	*	33.3	13.1	*
Prostatectomy	29	0.0	0.8	*	0.0	1.8	*	0.0	3.0	*
Cholecystectomy	12	0.0	4.5	*	16.7	8.4	*	16.7	11.1	*
Hysterectomy	6	0.0	0.6	*	0.0	1.2	*	0.0	1.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	632	8.5	8.9	1.7	12.0	13.6	2.3	15.7	17.4	2.7
CONDITIONS:										
Acute Myocardial Infarction	17	35.3	34.6	*	35.3	38.2	*	41.2	41.9	*
Congestive Heart Failure	18	22.2	15.3	*	22.2	23.6	*	22.2	30.6	*
Pneumonia/Influenza	36	11.1	15.0	*	16.7	21.2	*	22.2	26.2	*
Chronic Obstructive Pulmonary Disease	2	0.0	6.9	*	50.0	12.8	*	50.0	17.7	*
Transient Cerebral Ischemia	7	0.0	2.5	*	0.0	5.7	*	14.3	8.9	*
Stroke	25	20.0	20.1	*	24.0	25.9	*	28.0	30.0	*
Hip Fracture	24	12.5	6.6	*	12.5	12.2	*	12.5	16.0	*
Sepsis	2	0.0	33.2	*	0.0	45.6	*	0.0	56.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	1.4	*	0.0	2.9	*	0.0	4.3	*
Carotid Endarterectomy	6	0.0	1.8	*	0.0	3.7	*	0.0	5.6	*
Hip Replacement/Reconstruction	14	7.1	5.0	*	7.1	9.6	*	7.1	12.7	*
Open Reduction of Hip Fracture	14	14.3	4.7	*	14.3	9.0	*	14.3	12.0	*
Prostatectomy	26	0.0	0.9	*	0.0	2.0	*	0.0	3.2	*
Cholecystectomy	17	5.9	5.6	*	5.9	9.1	*	5.9	11.8	*
Hysterectomy	10	0.0	0.2	*	0.0	0.4	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MONTE VISTA COMMUNITY HOSPITAL

95 W First Ave
Monte Vista, CO 81144

Medicare Provider Number: 060067

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	73	9.6	11.1	4.0	15.1	16.2	4.8	17.8	20.5	5.7
CONDITIONS:										
Acute Myocardial Infarction	2	100.0	32.6	*	100.0	36.7	*	100.0	40.7	*
Congestive Heart Failure	4	0.0	16.3	*	25.0	27.4	*	50.0	35.7	*
Pneumonia/Influenza	8	12.5	16.0	*	12.5	21.5	*	12.5	26.2	*
Chronic Obstructive Pulmonary Disease	7	0.0	8.7	*	0.0	14.3	*	0.0	19.2	*
Transient Cerebral Ischemia	4	0.0	2.2	*	50.0	5.2	*	50.0	8.3	*
Stroke	1	0.0	12.6	*	0.0	18.8	*	0.0	23.0	*
Hip Fracture	1	0.0	17.5	*	0.0	30.8	*	0.0	38.0	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	3	0.0	1.6	*	0.0	2.8	*	0.0	3.6	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1989

Total Beds	49
Ownership/Control	Private, Non-Profit

STAFFING:

Medical Residents/Interns	0
Registered Nurses	11
Licensed Practical Nurses	1

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	No
Hospice	Yes
Intensive Care Unit	No
Organ Transplant	Yes
Rehabilitation	Yes
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

MONTE VISTA COMMUNITY HOSPITAL

Medicare Provider Number: 060067

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	119	5.0	8.1	3.6	10.9	13.0	3.5	16.8	16.7	3.7
CONDITIONS:										
Acute Myocardial Infarction	2	50.0	31.0	*	50.0	34.1	*	50.0	37.6	*
Congestive Heart Failure	8	0.0	14.2	*	12.5	22.1	*	25.0	28.8	*
Pneumonia/Influenza	12	25.0	16.9	*	41.7	23.4	*	41.7	28.6	*
Chronic Obstructive Pulmonary Disease	9	11.1	15.0	*	11.1	24.6	*	11.1	30.7	*
Transient Cerebral Ischemia	3	0.0	1.4	*	0.0	3.2	*	0.0	5.0	*
Stroke	1	0.0	9.2	*	0.0	13.5	*	0.0	16.8	*
Hip Fracture	2	0.0	3.4	*	0.0	6.7	*	0.0	9.1	*
Sepsis	0									
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	0.3	*	0.0	0.5	*	0.0	0.8	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	113	12.4	14.0	3.8	18.6	19.4	3.8	24.8	23.4	4.0
CONDITIONS:										
Acute Myocardial Infarction	11	18.2	29.4	*	18.2	33.0	*	18.2	36.8	*
Congestive Heart Failure	5	20.0	14.8	*	20.0	22.3	*	60.0	28.9	*
Pneumonia/Influenza	14	14.3	16.3	*	14.3	22.6	*	28.6	27.3	*
Chronic Obstructive Pulmonary Disease	8	0.0	14.1	*	0.0	22.5	*	0.0	28.5	*
Transient Cerebral Ischemia	0									
Stroke	3	66.7	45.2	*	100.0	52.6	*	100.0	58.4	*
Hip Fracture	0									
Sepsis	1	0.0	36.2	*	0.0	52.9	*	0.0	60.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MONTROSE MEMORIAL HOSPITAL

800 S 3rd St
Montrose, CO 81401

Medicare Provider Number: 060006

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	627	7.3	7.6	1.2	10.7	11.4	1.6	14.2	14.5	1.8
CONDITIONS:										
Acute Myocardial Infarction	23	21.7	25.9	*	21.7	28.9	*	21.7	32.7	*
Congestive Heart Failure	20	15.0	15.5	*	15.0	23.3	*	15.0	29.9	*
Pneumonia/Influenza	26	11.5	11.4	*	19.2	16.9	*	30.8	21.3	*
Chronic Obstructive Pulmonary Disease	14	0.0	5.1	*	14.3	9.5	*	28.6	13.5	*
Transient Cerebral Ischemia	6	16.7	2.2	*	16.7	5.2	*	16.7	8.5	*
Stroke	27	14.8	20.9	*	29.6	26.3	*	29.6	30.6	*
Hip Fracture	43	0.0	6.0	*	9.3	11.0	*	11.6	14.5	*
Sepsis	4	25.0	23.8	*	25.0	31.1	*	50.0	37.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	4.2	*	0.0	8.8	*	0.0	13.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	31	0.0	2.7	*	0.0	5.2	*	6.5	7.3	*
Open Reduction of Hip Fracture	20	0.0	6.0	*	10.0	11.4	*	10.0	15.1	*
Prostatectomy	13	0.0	0.5	*	0.0	1.1	*	0.0	1.9	*
Cholecystectomy	23	4.3	1.7	*	4.3	3.2	*	4.3	4.3	*
Hysterectomy	6	0.0	1.0	*	0.0	2.3	*	0.0	3.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	75
Occupancy Rate	47
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	32
Percent of Physicians Board Certified Specialists	81
Medical Residents/Interns	0
Registered Nurses	60
Licensed Practical Nurses	25

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MONTROSE MEMORIAL HOSPITAL

Medicare Provider Number: 060006

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	575	7.8	8.4	1.4	11.5	12.4	1.5	16.2	15.6	1.6
CONDITIONS:										
Acute Myocardial Infarction	27	29.6	29.1	*	33.3	31.9	*	33.3	35.0	*
Congestive Heart Failure	21	14.3	12.8	*	14.3	19.4	*	28.6	25.2	*
Pneumonia/Influenza	25	16.0	16.0	*	20.0	22.3	*	24.0	26.8	*
Chronic Obstructive Pulmonary Disease	8	0.0	6.0	*	0.0	10.4	*	25.0	14.4	*
Transient Cerebral Ischemia	6	0.0	1.3	*	0.0	2.8	*	0.0	4.3	*
Stroke	25	16.0	14.1	*	20.0	19.7	*	20.0	23.7	*
Hip Fracture	28	7.1	5.8	*	10.7	10.6	*	21.4	13.9	*
Sepsis	8	0.0	20.7	*	0.0	27.1	*	0.0	32.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	2.8	*	0.0	5.9	*	0.0	9.3	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	0.0	2.4	*	0.0	4.9	*	14.3	6.6	*
Open Reduction of Hip Fracture	13	0.0	5.2	*	0.0	9.8	*	7.7	12.9	*
Prostatectomy	25	4.0	1.2	*	4.0	2.1	*	4.0	2.9	*
Cholecystectomy	24	4.2	1.5	*	4.2	2.7	*	4.2	3.4	*
Hysterectomy	6	0.0	0.2	*	0.0	0.6	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	552	5.6	7.4	1.5	11.8	11.3	1.7	14.5	14.5	1.5
CONDITIONS:										
Acute Myocardial Infarction	22	9.1	26.3	*	18.2	28.9	*	18.2	31.8	*
Congestive Heart Failure	15	0.0	16.5	*	20.0	25.7	*	20.0	33.1	*
Pneumonia/Influenza	16	6.3	14.1	*	12.5	19.9	*	12.5	24.8	*
Chronic Obstructive Pulmonary Disease	8	0.0	6.4	*	12.5	11.0	*	25.0	14.9	*
Transient Cerebral Ischemia	6	0.0	1.6	*	0.0	3.7	*	0.0	6.0	*
Stroke	28	7.1	17.2	*	21.4	23.4	*	25.0	27.9	*
Hip Fracture	21	4.8	4.1	*	14.3	8.2	*	19.0	11.3	*
Sepsis	3	0.0	14.1	*	0.0	18.7	*	0.0	23.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	4.2	*	0.0	6.7	*	0.0	8.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	11	0.0	2.1	*	9.1	4.3	*	9.1	6.1	*
Open Reduction of Hip Fracture	7	0.0	3.3	*	0.0	6.9	*	14.3	9.6	*
Prostatectomy	30	0.0	0.5	*	0.0	1.1	*	0.0	1.8	*
Cholecystectomy	35	8.6	1.6	*	8.6	2.7	*	8.6	3.6	*
Hysterectomy	4	0.0	0.3	*	0.0	0.5	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MOUNT SAN RAFAEL HOSPITAL

410 Benedicta Ave
Trinidad, CO 81082

Medicare Provider Number: 060033

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	325	11.1	10.8	2.0	14.2	16.0	3.0	16.6	19.8	4.2
CONDITIONS:										
Acute Myocardial Infarction	11	36.4	25.7	*	36.4	28.0	*	36.4	31.0	*
Congestive Heart Failure	16	25.0	13.7	*	25.0	21.0	*	25.0	27.3	*
Pneumonia/Influenza	25	12.0	15.9	*	12.0	22.4	*	16.0	27.2	*
Chronic Obstructive Pulmonary Disease	9	11.1	10.0	*	22.2	16.6	*	33.3	22.5	*
Transient Cerebral Ischemia	4	0.0	2.5	*	0.0	5.8	*	0.0	9.6	*
Stroke	16	6.3	16.5	*	12.5	23.3	*	12.5	27.7	*
Hip Fracture	15	0.0	7.6	*	20.0	13.2	*	20.0	16.8	*
Sepsis	10	10.0	22.8	*	10.0	30.2	*	20.0	36.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	4.1	*	0.0	7.8	*	0.0	10.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	3.3	*	0.0	6.2	*	0.0	8.3	*
Open Reduction of Hip Fracture	9	0.0	9.0	*	33.3	16.3	*	33.3	20.9	*
Prostatectomy	1	0.0	1.1	*	0.0	2.6	*	0.0	4.1	*
Cholecystectomy	7	14.3	1.9	*	14.3	3.0	*	14.3	3.7	*
Hysterectomy	3	0.0	0.3	*	0.0	0.6	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	38
Occupancy Rate	40
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	10
Percent of Physicians Board Certified Specialists	70
Medical Residents/Interns	0
Registered Nurses	17
Licensed Practical Nurses	15

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MOUNT SAN RAFAEL HOSPITAL

Medicare Provider Number: 060033

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	306	8.8	11.6	2.5	13.7	16.7	3.2	17.0	20.4	3.3
CONDITIONS:										
Acute Myocardial Infarction	12	25.0	25.3	*	25.0	28.9	*	25.0	32.5	*
Congestive Heart Failure	10	10.0	14.3	*	10.0	21.8	*	10.0	28.3	*
Pneumonia/Influenza	27	18.5	16.3	*	22.2	21.7	*	25.9	26.0	*
Chronic Obstructive Pulmonary Disease	5	0.0	9.6	*	0.0	17.1	*	0.0	24.1	*
Transient Cerebral Ischemia	8	0.0	1.4	*	0.0	3.1	*	0.0	4.8	*
Stroke	14	7.1	16.2	*	7.1	23.2	*	14.3	27.7	*
Hip Fracture	5	0.0	5.6	*	0.0	9.7	*	0.0	12.4	*
Sepsis	12	16.7	18.5	*	16.7	26.7	*	25.0	32.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	8.8	*	20.0	13.3	*	20.0	16.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	5.4	*	0.0	9.4	*	0.0	11.8	*
Open Reduction of Hip Fracture	1	0.0	4.7	*	0.0	9.6	*	0.0	13.3	*
Prostatectomy	1	0.0	0.8	*	0.0	2.1	*	0.0	3.6	*
Cholecystectomy	4	0.0	4.7	*	0.0	9.6	*	0.0	14.2	*
Hysterectomy	2	0.0	0.2	*	0.0	0.4	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	253	9.9	11.9	2.2	17.8	16.8	3.1	22.9	20.8	2.7
CONDITIONS:										
Acute Myocardial Infarction	10	20.0	17.2	*	20.0	20.2	*	20.0	23.3	*
Congestive Heart Failure	9	22.2	15.9	*	33.3	23.9	*	44.4	30.5	*
Pneumonia/Influenza	21	0.0	17.9	*	19.0	24.0	*	23.8	28.8	*
Chronic Obstructive Pulmonary Disease	3	33.3	13.6	*	33.3	23.5	*	33.3	30.7	*
Transient Cerebral Ischemia	3	0.0	2.2	*	0.0	4.5	*	0.0	7.1	*
Stroke	9	22.2	25.0	*	22.2	31.5	*	22.2	35.7	*
Hip Fracture	14	14.3	7.6	*	28.6	13.1	*	28.6	16.6	*
Sepsis	15	26.7	29.1	*	40.0	38.4	*	46.7	45.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	2.9	*	0.0	6.1	*	0.0	9.2	*
Carotid Endarterectomy	1	0.0	1.0	*	0.0	1.8	*	0.0	2.6	*
Hip Replacement/Reconstruction	5	0.0	9.8	*	0.0	16.1	*	0.0	19.8	*
Open Reduction of Hip Fracture	9	22.2	5.2	*	44.4	10.1	*	44.4	13.5	*
Prostatectomy	4	0.0	1.6	*	0.0	3.8	*	0.0	5.9	*
Cholecystectomy	3	33.3	1.2	*	33.3	2.0	*	33.3	2.7	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

NORTH COLORADO MEDICAL CENTER

1801 16th Street
Greeley, CO 80631

Medicare Provider Number: 060001

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,499	8.1	8.6	1.0	12.7	13.1	1.2	15.8	16.6	1.4
CONDITIONS:										
Acute Myocardial Infarction	88	19.3	23.5	5.3	23.9	26.8	6.1	25.0	30.1	6.1
Congestive Heart Failure	88	14.8	15.3	5.4	27.3	24.1	7.2	33.0	31.3	6.1
Pneumonia/Influenza	112	16.1	15.7	3.7	20.5	21.5	4.0	26.8	26.0	4.5
Chronic Obstructive Pulmonary Disease	27	7.4	5.7	*	11.1	10.2	*	11.1	14.3	*
Transient Cerebral Ischemia	29	13.8	1.8	*	17.2	4.0	*	20.7	6.3	*
Stroke	80	18.8	19.5	4.6	22.5	26.5	6.2	25.0	31.0	6.7
Hip Fracture	76	5.3	5.9	2.8	9.2	10.6	3.8	11.8	13.9	4.9
Sepsis	24	33.3	29.3	*	50.0	38.7	*	50.0	46.0	*
PROCEDURES:										
Angioplasty	30	3.3	4.3	*	6.7	5.4	*	6.7	6.8	*
Coronary Artery Bypass Graft	45	4.4	5.0	*	6.7	7.2	*	8.9	8.6	*
Initial Pacemaker Insertion	7	0.0	2.8	*	0.0	5.5	*	0.0	8.0	*
Carotid Endarterectomy	15	0.0	1.4	*	0.0	2.5	*	0.0	3.8	*
Hip Replacement/Reconstruction	71	2.8	2.6	2.4	2.8	5.0	3.7	2.8	6.9	4.8
Open Reduction of Hip Fracture	34	5.9	5.8	*	11.8	11.2	*	14.7	15.0	*
Prostatectomy	102	0.0	0.8	1.1	1.0	1.9	1.8	2.0	3.1	2.4
Cholecystectomy	70	0.0	3.2	3.9	1.4	6.0	5.5	4.3	7.9	5.1
Hysterectomy	19	0.0	1.3	*	0.0	2.8	*	0.0	4.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	281
Occupancy Rate	54
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	156
Percent of Physicians Board Certified Specialists	90
Medical Residents/Interns	18
Registered Nurses	385
Licensed Practical Nurses	36

SPECIALTY SERVICES:

Burn Unit	Yes
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

NORTH COLORADO MEDICAL CENTER

Medicare Provider Number: 060001

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,466	7.8	8.3	0.7	12.2	12.8	1.1	15.5	16.3	1.1
CONDITIONS:										
Acute Myocardial Infarction	92	25.0	26.9	5.4	27.2	31.1	5.9	32.6	34.9	5.3
Congestive Heart Failure	63	15.9	14.8	7.7	20.6	23.1	6.8	27.0	29.9	6.3
Pneumonia/Influenza	100	16.0	15.5	3.7	19.0	21.0	4.5	21.0	25.5	6.0
Chronic Obstructive Pulmonary Disease	30	16.7	9.4	*	20.0	16.7	*	36.7	22.3	*
Transient Cerebral Ischemia	54	0.0	2.0	2.5	3.7	4.6	4.0	3.7	7.3	5.9
Stroke	69	15.9	18.8	5.8	23.2	26.0	7.3	27.5	30.7	7.4
Hip Fracture	76	6.6	7.0	3.1	15.8	12.8	5.1	21.1	16.6	8.4
Sepsis	14	28.6	27.3	*	35.7	35.2	*	35.7	41.0	*
PROCEDURES:										
Angioplasty	41	4.9	4.8	*	4.9	6.0	*	7.3	7.3	*
Coronary Artery Bypass Graft	45	8.9	7.0	*	8.9	10.6	*	8.9	12.8	*
Initial Pacemaker Insertion	13	7.7	5.8	*	7.7	9.0	*	7.7	12.1	*
Carotid Endarterectomy	18	5.6	1.6	*	5.6	3.3	*	5.6	4.9	*
Hip Replacement/Reconstruction	76	2.6	2.9	2.1	7.9	5.2	3.6	9.2	6.8	4.9
Open Reduction of Hip Fracture	39	2.6	5.7	*	12.8	11.3	*	17.9	15.1	*
Prostatectomy	83	0.0	1.1	1.5	2.4	2.7	2.1	2.4	4.4	3.1
Cholecystectomy	69	4.3	4.1	2.4	8.7	7.1	3.6	10.1	9.1	4.9
Hysterectomy	14	0.0	0.8	*	0.0	1.5	*	0.0	2.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,324	7.3	7.8	0.9	11.2	11.9	1.2	14.8	15.3	1.1
CONDITIONS:										
Acute Myocardial Infarction	75	20.0	22.9	5.1	21.3	26.3	5.9	21.3	29.9	6.8
Congestive Heart Failure	57	8.8	14.4	6.1	19.3	22.3	6.0	31.6	29.0	6.6
Pneumonia/Influenza	69	11.6	14.5	5.9	15.9	19.9	7.2	18.8	24.4	8.2
Chronic Obstructive Pulmonary Disease	53	9.4	8.9	3.9	20.8	14.9	7.0	28.3	19.9	10.5
Transient Cerebral Ischemia	28	0.0	1.9	*	3.6	4.3	*	7.1	6.9	*
Stroke	42	21.4	21.7	*	23.8	28.8	*	26.2	33.5	*
Hip Fracture	78	3.8	5.6	2.8	15.4	10.5	4.3	24.4	13.9	5.7
Sepsis	12	25.0	28.5	*	25.0	35.6	*	25.0	41.4	*
PROCEDURES:										
Angioplasty	32	3.1	4.1	*	3.1	5.2	*	3.1	6.4	*
Coronary Artery Bypass Graft	63	3.2	6.8	4.6	6.3	9.2	4.9	6.3	10.6	4.9
Initial Pacemaker Insertion	9	11.1	3.8	*	11.1	6.6	*	11.1	8.8	*
Carotid Endarterectomy	15	0.0	1.9	*	0.0	3.8	*	0.0	5.5	*
Hip Replacement/Reconstruction	66	4.5	2.4	2.8	9.1	4.7	4.7	9.1	6.5	4.6
Open Reduction of Hip Fracture	29	0.0	4.6	*	10.3	8.9	*	27.6	12.0	*
Prostatectomy	77	0.0	1.3	2.6	2.6	3.1	3.3	6.5	5.0	3.2
Cholecystectomy	69	5.8	3.5	3.8	10.1	6.2	4.7	11.6	8.0	4.9
Hysterectomy	14	0.0	2.1	*	0.0	3.9	*	0.0	5.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

North Colorado
Medical Center

1801 16th Street
Greeley, Colorado 80631-5199
(303) 352-4121

Medicare Provider # 060001

January 14, 1991

Health Care Financing Administration
Health Standards & Quality Bureau
Attention: Mrs. Sandra Kappart
2-D-2 Meadows East Building
6325 Security Blvd.
Baltimore, Maryland 21207

I am writing in response to the Medicare Hospital Mortality information recently received by North Colorado Medical Center.

In reviewing this data, we have found it somewhat difficult to interpret. Specifically, for 9 of the categories reported, the number of cases is significantly less than 50. As HCFA indicated in the overview and explanation provided to hospitals, "the precision and interpretability of our estimates are questionable when there are no deaths or 50 or fewer cases in a particular category being analyzed".

In spite of the limitations, North Colorado Medical Center would like to comment on 2 specific categories: Transient Cerebral Ischemia (TIA) and Sepsis.

TIA

With respect to TIAs, additional review of the mortality cases revealed that two cases were mis-coded and should not have been categorized as TIAs. Under separate cover, we are providing you with the specific information on these cases so that this data can be corrected. Of the remaining 4 deaths, several of the patients' advanced ages (i.e., 92, 89, and 85) coupled with the fact that at least two were subsequently hospitalized for causes other than TIA or stroke, would indicate the possibility of generally deteriorating health status and would not be indicative of a problem in the care and treatment of the TIA.

Medicare Provider # 060001

Sepsis

Except for one, all patients that presented with Sepsis did so during overwhelming terminal or imuno-suppressing disease. None of the cases were nosocomial sepsis acquired at NCMC. Nosocomial sepsis rates at NCMC have decreased steadily since 1987. The HCFA data may suggest an increase in the numbers of cancer-related sepsis in the area.

Thank you for the opportunity to review and comment on this data.

Very truly yours

Richard H. Stenner
President & C.E.O.

PARKVIEW EPISCOPAL MEDICAL CENTER

400 W 16th St
Pueblo, CO 81003

Medicare Provider Number: 060020

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,362	9.5	7.6	1.1	14.4	11.6	1.2	17.7	14.9	1.3
CONDITIONS:										
Acute Myocardial Infarction	36	38.9	22.7	*	38.9	25.5	*	38.9	28.6	*
Congestive Heart Failure	40	17.5	14.1	*	32.5	23.2	*	35.0	30.5	*
Pneumonia/Influenza	54	14.8	15.1	4.9	20.4	21.1	5.6	27.8	25.7	7.3
Chronic Obstructive Pulmonary Disease	27	0.0	6.2	*	7.4	10.7	*	7.4	14.6	*
Transient Cerebral Ischemia	16	0.0	1.2	*	0.0	2.6	*	0.0	4.2	*
Stroke	51	19.6	16.4	8.2	27.5	22.9	10.0	31.4	27.3	9.0
Hip Fracture	40	7.5	6.6	*	22.5	11.8	*	25.0	15.4	*
Sepsis	11	9.1	18.5	*	9.1	24.9	*	9.1	30.3	*
PROCEDURES:										
Angioplasty	16	0.0	4.1	*	0.0	5.0	*	0.0	6.0	*
Coronary Artery Bypass Graft	26	3.8	4.6	*	7.7	6.3	*	7.7	7.4	*
Initial Pacemaker Insertion	16	0.0	2.5	*	6.3	5.3	*	6.3	8.0	*
Carotid Endarterectomy	4	0.0	1.4	*	0.0	2.5	*	0.0	3.7	*
Hip Replacement/Reconstruction	32	3.1	3.3	*	9.4	5.9	*	9.4	7.9	*
Open Reduction of Hip Fracture	18	0.0	5.5	*	16.7	10.2	*	16.7	13.4	*
Prostatectomy	37	0.0	0.8	*	0.0	2.1	*	2.7	3.5	*
Cholecystectomy	29	0.0	2.4	*	3.4	4.1	*	3.4	5.1	*
Hysterectomy	7	0.0	0.8	*	0.0	1.4	*	0.0	2.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	230
Occupancy Rate	54
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	145
Percent of Physicians Board Certified Specialists	70
Medical Residents/Interns	0
Registered Nurses	129
Licensed Practical Nurses	37

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

PARKVIEW EPISCOPAL MEDICAL CENTER

Medicare Provider Number: 060020

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	1,245	10.6	7.3	1.0	14.9	11.4	1.2	18.7	14.7	1.3
CONDITIONS:										
Acute Myocardial Infarction	25	24.0	20.8	*	28.0	23.9	*	28.0	27.0	*
Congestive Heart Failure	58	17.2	13.0	7.2	22.4	20.5	5.7	27.6	26.9	5.9
Pneumonia/Influenza	62	16.1	13.9	5.5	22.6	19.4	6.4	24.2	23.8	5.5
Chronic Obstructive Pulmonary Disease	26	3.8	6.3	*	3.8	10.7	*	19.2	14.6	*
Transient Cerebral Ischemia	18	5.6	1.8	*	11.1	3.9	*	11.1	6.2	*
Stroke	56	16.1	17.9	6.2	25.0	24.5	5.8	28.6	29.2	6.2
Hip Fracture	46	8.7	4.5	*	10.9	8.5	*	19.6	11.3	*
Sepsis	22	22.7	24.1	*	31.8	33.1	*	36.4	39.5	*
PROCEDURES:										
Angioplasty	9	0.0	4.8	*	0.0	6.2	*	0.0	7.6	*
Coronary Artery Bypass Graft	15	0.0	6.0	*	0.0	7.7	*	6.7	8.7	*
Initial Pacemaker Insertion	12	8.3	1.9	*	8.3	3.9	*	8.3	5.9	*
Carotid Endarterectomy	6	0.0	1.3	*	0.0	2.5	*	0.0	3.7	*
Hip Replacement/Reconstruction	38	2.6	2.2	*	5.3	4.4	*	7.9	6.0	*
Open Reduction of Hip Fracture	19	10.5	4.2	*	10.5	8.2	*	26.3	11.1	*
Prostatectomy	30	0.0	0.7	*	0.0	1.6	*	3.3	2.8	*
Cholecystectomy	34	8.8	3.2	*	11.8	6.0	*	11.8	8.1	*
Hysterectomy	5	0.0	0.7	*	0.0	1.6	*	0.0	2.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	1,163	10.0	7.5	1.1	14.7	11.5	1.4	18.5	14.9	1.5
CONDITIONS:										
Acute Myocardial Infarction	27	18.5	21.4	*	25.9	24.8	*	25.9	28.1	*
Congestive Heart Failure	45	26.7	11.9	*	33.3	18.9	*	42.2	25.0	*
Pneumonia/Influenza	57	19.3	11.6	8.7	26.3	17.0	10.0	29.8	21.2	9.5
Chronic Obstructive Pulmonary Disease	38	10.5	7.6	*	15.8	13.5	*	21.1	18.2	*
Transient Cerebral Ischemia	29	0.0	1.2	*	3.4	2.4	*	3.4	3.8	*
Stroke	48	16.7	16.8	*	20.8	22.7	*	22.9	27.0	*
Hip Fracture	28	7.1	5.0	*	7.1	9.5	*	10.7	12.8	*
Sepsis	12	16.7	23.1	*	25.0	29.9	*	25.0	35.9	*
PROCEDURES:										
Angioplasty	8	0.0	6.2	*	0.0	7.3	*	0.0	8.8	*
Coronary Artery Bypass Graft	22	4.5	4.5	*	9.1	6.0	*	9.1	6.9	*
Initial Pacemaker Insertion	16	0.0	1.4	*	6.3	3.1	*	12.5	4.9	*
Carotid Endarterectomy	6	16.7	1.2	*	16.7	2.1	*	16.7	3.0	*
Hip Replacement/Reconstruction	15	6.7	2.4	*	6.7	4.7	*	6.7	6.4	*
Open Reduction of Hip Fracture	13	7.7	4.3	*	7.7	8.8	*	15.4	12.1	*
Prostatectomy	36	2.8	0.8	*	2.8	2.1	*	5.6	3.6	*
Cholecystectomy	34	11.8	2.1	*	14.7	3.6	*	17.6	4.7	*
Hysterectomy	8	0.0	1.3	*	0.0	3.1	*	0.0	5.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

93.1

Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Medicare provider #
060020

Dear Mrs. Kappert,

This letter is in response to the Medicare Hospital Mortality Information report received by Parkview Episcopal Medical Center. We are very dedicated to the Quality Improvement process, and ongoing mortality reviews are of significant importance to the Board, Administration, Medical Staff and employees.

From the data that was sent to us, we reviewed 10% of the cases to determine whether the death was anticipated, justified and whether there were any significant trends that needed further attention. What we found was that all of the cases were anticipated and justified. That data that is presented in the report provided by your organization is not conclusive. Trending out this information without clinical judgement produces skewed data.

The process that we use at Parkview is very thorough. The steps are as follows:

* All patient's who are discharged are entered into the Medisgroup's system.
* All deaths are reported on a detailed patient summary to the Quality Assurance personnel.
* Specific criteria with indicators and thresholds are used to review the records by Registered Nurses.
* The criteria is approved by the Medical Staff.
* Those cases that do not meet criteria are sent to the appropriate clinical department for physician review.
* The physician fills out a mortality worksheet and determines whether or not the case is justified.
* If the case is justified, no further action is necessary.
* If the case is not justified, then appropriate action is taken as determined by the department.
* Trends are monitored by physician, nursing unit, disease and procedures.
* JCAHO's ten step Quality Assurance process is used for this review.

Medicare Provider #
060020

We will review all of the cases from the report received by your organization. We will follow the patients that expired outside of the hospital with the primary care physician as well.

Sincerely,

Michael Pugh
CEO/President

PENROSE-SAINT FRANCIS HOSPITAL

2215 North Cascade
Colorado Springs, CO 80907

Medicare Provider Number: 060031

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,187	7.5	7.3	0.5	11.9	11.3	0.8	14.7	14.6	0.7
CONDITIONS:										
Acute Myocardial Infarction	60	13.3	23.9	7.1	16.7	26.7	7.2	21.7	29.9	7.0
Congestive Heart Failure	94	16.0	14.4	4.3	22.3	22.3	4.7	29.8	29.0	5.2
Pneumonia/Influenza	120	15.0	14.5	3.4	19.2	19.9	3.7	22.5	24.1	4.5
Chronic Obstructive Pulmonary Disease	34	8.8	7.9	*	11.8	13.7	*	20.6	18.8	*
Transient Cerebral Ischemia	31	0.0	1.5	*	0.0	3.3	*	3.2	5.3	*
Stroke	81	28.4	21.5	6.1	34.6	27.8	6.0	37.0	31.9	6.0
Hip Fracture	100	8.0	6.4	2.9	14.0	11.7	4.0	18.0	15.3	5.8
Sepsis	19	0.0	24.5	*	15.8	33.3	*	15.8	40.8	*
PROCEDURES:										
Angioplasty	54	1.9	3.9	3.7	1.9	4.8	4.3	1.9	6.0	5.0
Coronary Artery Bypass Graft	72	2.8	5.0	3.8	6.9	7.5	4.5	6.9	9.2	4.4
Initial Pacemaker Insertion	22	0.0	1.6	*	4.5	3.4	*	4.5	5.2	*
Carotid Endarterectomy	14	0.0	1.4	*	0.0	2.6	*	0.0	3.7	*
Hip Replacement/Reconstruction	90	1.1	2.3	1.8	3.3	4.3	2.3	6.7	6.0	2.6
Open Reduction of Hip Fracture	45	11.1	6.5	*	20.0	12.1	*	22.2	15.9	*
Prostatectomy	131	0.0	0.8	1.1	0.8	2.1	1.6	1.5	3.5	2.3
Cholecystectomy	62	6.5	3.5	3.4	8.1	6.7	3.4	8.1	9.0	3.8
Hysterectomy	41	0.0	0.8	*	0.0	1.6	*	2.4	2.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1989

Total Beds	664
Ownership/Control	Church

STAFFING:

Medical Residents/Interns	5
Registered Nurses	537
Licensed Practical Nurses	23

SPECIALTY SERVICES:

Burn Unit	Yes
Coronary Care Unit	Yes
Hospice	Yes
Intensive Care Unit	Yes
Organ Transplant	No
Rehabilitation	Yes
Shock Trauma	Yes

**** Not used in calculating hospital mortality rates.**

PENROSE-SAINT FRANCIS HOSPITAL

Medicare Provider Number: 060031

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,840	8.8	8.1	0.9	12.9	12.5	1.1	16.8	16.0	1.4
CONDITIONS:										
Acute Myocardial Infarction	82	31.7	25.6	5.7	35.4	28.8	5.9	35.4	32.2	5.5
Congestive Heart Failure	85	11.8	14.8	4.3	18.8	22.3	5.1	30.6	28.8	5.1
Pneumonia/Influenza	96	12.5	15.7	6.5	17.7	21.6	6.1	21.9	26.1	8.1
Chronic Obstructive Pulmonary Disease	49	10.2	8.2	*	12.2	14.0	*	18.4	19.0	*
Transient Cerebral Ischemia	27	3.7	2.3	*	3.7	5.0	*	11.1	7.8	*
Stroke	73	26.0	22.5	5.5	34.2	28.9	7.4	37.0	33.4	7.4
Hip Fracture	82	7.3	5.6	3.7	14.6	10.3	5.8	17.1	13.5	6.3
Sepsis	23	26.1	24.9	*	30.4	34.2	*	43.5	40.8	*
PROCEDURE:										
Angioplasty	44	11.4	5.4	*	11.4	6.9	*	13.6	8.4	*
Coronary Artery Bypass Graft	57	8.8	5.8	4.9	8.8	7.6	4.5	10.5	8.8	4.4
Initial Pacemaker Insertion	21	0.0	2.5	*	4.8	5.1	*	4.8	7.8	*
Carotid Endarterectomy	16	18.8	1.6	*	18.8	3.3	*	18.8	5.0	*
Hip Replacement/Reconstruction	85	5.9	2.4	2.8	11.8	4.7	4.5	12.9	6.5	4.9
Open Reduction of Hip Fracture	41	4.9	4.9	*	7.3	9.4	*	9.8	12.6	*
Prostatectomy	92	1.1	0.8	1.0	1.1	2.1	1.9	4.3	3.5	2.1
Cholecystectomy	46	2.2	2.9	*	4.3	5.1	*	4.3	6.6	*
Hysterectomy	32	0.0	0.5	*	0.0	1.0	*	0.0	1.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,722	8.5	8.1	0.9	13.5	12.5	1.1	16.4	15.9	0.9
CONDITIONS:										
Acute Myocardial Infarction	79	22.8	27.5	7.6	25.3	30.7	8.0	29.1	34.0	7.6
Congestive Heart Failure	82	15.9	16.7	4.3	22.0	25.0	5.2	23.2	31.9	7.5
Pneumonia/Influenza	105	14.3	15.7	3.9	17.1	21.1	5.6	20.0	25.5	7.7
Chronic Obstructive Pulmonary Disease	23	17.4	6.4	*	26.1	11.6	*	30.4	16.4	*
Transient Cerebral Ischemia	36	0.0	2.7	*	5.6	6.2	*	8.3	10.0	*
Stroke	83	22.9	20.4	7.7	31.3	28.1	6.5	36.1	32.8	6.6
Hip Fracture	94	4.3	5.8	2.8	10.6	10.6	3.2	13.8	13.9	3.6
Sepsis	21	23.8	22.8	*	33.3	31.0	*	38.1	37.0	*
PROCEDURES:										
Angioplasty	26	11.5	6.4	*	11.5	7.5	*	11.5	8.9	*
Coronary Artery Bypass Graft	58	10.3	7.5	4.6	12.1	10.1	4.5	13.8	11.6	5.6
Initial Pacemaker Insertion	27	7.4	4.0	*	7.4	7.3	*	7.4	10.1	*
Carotid Endarterectomy	10	0.0	1.4	*	0.0	2.6	*	0.0	3.7	*
Hip Replacement/Reconstruction	86	3.5	2.6	2.0	7.0	5.0	3.0	8.1	6.7	3.2
Open Reduction of Hip Fracture	44	2.3	5.5	*	11.4	10.4	*	13.6	13.7	*
Prostatectomy	125	0.0	1.1	1.3	3.2	2.6	1.9	4.0	4.4	1.9
Cholecystectomy	51	0.0	3.8	5.7	9.8	6.7	4.2	11.8	8.6	5.7
Hysterectomy	19	0.0	0.5	*	0.0	0.9	*	0.0	1.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

PIONEERS HOSPITAL OF RIO BLANCO

345 Cleveland
Meeker, CO 81641

Medicare Provider Number: 060041

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	34	5.9	10.0	*	20.6	14.6	*	26.5	18.3	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	2	0.0	13.7	*	0.0	20.8	*	50.0	27.6	*
Pneumonia/Influenza	3	0.0	18.2	*	33.3	25.6	*	33.3	30.9	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	1	0.0	0.6	*	0.0	1.0	*	0.0	1.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	42
Occupancy Rate	71
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	21
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	5
Licensed Practical Nurses	0

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

PIONEERS HOSPITAL OF RIO BLANCO

Medicare Provider Number: 060041

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	8	0.0	14.0	*	0.0	21.0	*	0.0	25.2	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	1	0.0	21.1	*	0.0	32.6	*	0.0	41.7	*
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	27	7.4	13.0	*	11.1	18.5	*	18.5	23.0	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	6	16.7	18.7	*	16.7	26.2	*	33.3	33.3	*
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	2	0.0	5.9	*	0.0	9.6	*	0.0	13.5	*
Transient Cerebral Ischemia	0									
Stroke	1	100.0	51.3	*	100.0	57.5	*	100.0	62.3	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

PLATTE VALLEY MEDICAL CENTER

1850 Egbert St
Brighton, CO 80601

Medicare Provider Number: 060004

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	416	9.1	10.0	1.7	12.7	14.7	2.0	14.2	18.6	2.6
CONDITIONS:										
Acute Myocardial Infarction	15	13.3	28.0	*	20.0	31.1	*	20.0	34.6	*
Congestive Heart Failure	29	10.3	18.4	*	13.8	28.5	*	13.8	36.4	*
Pneumonia/Influenza	57	24.6	16.7	8.9	28.1	22.8	9.1	31.6	27.6	8.4
Chronic Obstructive Pulmonary Disease	12	0.0	6.1	*	8.3	11.4	*	8.3	16.2	*
Transient Cerebral Ischemia	7	0.0	1.4	*	14.3	2.9	*	28.6	4.6	*
Stroke	8	0.0	15.9	*	0.0	22.4	*	0.0	26.7	*
Hip Fracture	16	0.0	9.1	*	6.3	16.7	*	6.3	21.7	*
Sepsis	1	0.0	16.7	*	0.0	24.6	*	0.0	29.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	0.0	3.0	*	0.0	6.5	*	0.0	9.8	*
Open Reduction of Hip Fracture	3	0.0	9.9	*	0.0	17.9	*	0.0	22.5	*
Prostatectomy	15	0.0	0.9	*	0.0	2.0	*	0.0	3.5	*
Cholecystectomy	6	16.7	2.8	*	16.7	5.4	*	16.7	7.4	*
Hysterectomy	9	0.0	0.4	*	0.0	0.6	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	58
Occupancy Rate	33
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	68
Percent of Physicians Board Certified Specialists	66
Medical Residents/Interns	0
Registered Nurses	54
Licensed Practical Nurses	9

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

PLATTE VALLEY MEDICAL CENTER

Medicare Provider Number: 060004

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	421	10.2	10.1	1.6	16.4	14.9	2.5	20.2	18.7	3.3
CONDITIONS:										
Acute Myocardial Infarction	19	31.6	33.4	*	36.8	37.3	*	42.1	41.4	*
Congestive Heart Failure	17	11.8	14.1	*	23.5	21.7	*	35.3	28.2	*
Pneumonia/Influenza	43	23.3	16.2	*	30.2	21.8	*	30.2	26.2	*
Chronic Obstructive Pulmonary Disease	10	0.0	5.3	*	0.0	9.3	*	10.0	13.0	*
Transient Cerebral Ischemia	6	0.0	1.5	*	0.0	3.2	*	0.0	4.9	*
Stroke	13	0.0	21.4	*	15.4	27.6	*	15.4	32.2	*
Hip Fracture	14	7.1	7.9	*	14.3	14.5	*	28.6	18.7	*
Sepsis	5	0.0	23.3	*	40.0	33.3	*	40.0	39.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	14.3	2.3	*	14.3	4.5	*	14.3	6.0	*
Open Reduction of Hip Fracture	10	0.0	7.5	*	10.0	14.3	*	30.0	19.0	*
Prostatectomy	3	0.0	0.7	*	0.0	1.5	*	0.0	2.4	*
Cholecystectomy	9	22.2	3.7	*	22.2	7.6	*	22.2	10.4	*
Hysterectomy	1	0.0	0.2	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	427	9.8	10.3	1.5	12.9	15.2	2.3	16.2	19.2	2.9
CONDITIONS:										
Acute Myocardial Infarction	16	31.3	31.4	*	31.3	35.1	*	31.3	39.1	*
Congestive Heart Failure	20	5.0	15.9	*	15.0	24.0	*	25.0	30.8	*
Pneumonia/Influenza	32	21.9	14.7	*	28.1	20.0	*	34.4	24.2	*
Chronic Obstructive Pulmonary Disease	15	0.0	9.8	*	0.0	17.2	*	0.0	22.8	*
Transient Cerebral Ischemia	3	0.0	2.3	*	0.0	5.3	*	0.0	8.6	*
Stroke	18	22.2	22.5	*	22.2	29.8	*	22.2	34.8	*
Hip Fracture	18	11.1	6.0	*	11.1	11.2	*	16.7	14.9	*
Sepsis	2	50.0	34.6	*	50.0	45.0	*	50.0	52.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	0.0	3.1	*	0.0	6.1	*	0.0	8.3	*
Open Reduction of Hip Fracture	8	12.5	5.7	*	12.5	11.0	*	25.0	14.6	*
Prostatectomy	3	0.0	1.0	*	0.0	2.4	*	0.0	3.9	*
Cholecystectomy	12	0.0	5.0	*	0.0	8.7	*	0.0	11.4	*
Hysterectomy	1	0.0	0.3	*	0.0	0.5	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

PORTER MEMORIAL HOSPITAL

2525 South Downing St
Denver, CO 80210

Medicare Provider Number: 060064

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,953	7.0	8.0	0.7	11.6	12.5	0.9	14.8	16.1	0.9
CONDITIONS:										
Acute Myocardial Infarction	107	12.1	23.3	6.9	16.8	26.3	6.8	19.6	29.5	6.4
Congestive Heart Failure	119	11.8	13.6	3.7	24.4	21.2	4.3	31.1	27.7	4.8
Pneumonia/Influenza	118	10.2	15.0	4.3	14.4	20.5	4.9	16.9	24.9	6.1
Chronic Obstructive Pulmonary Disease	45	17.8	8.6	*	20.0	14.1	*	26.7	18.9	*
Transient Cerebral Ischemia	40	5.0	2.5	*	12.5	5.9	*	17.5	9.5	*
Stroke	65	18.5	18.6	4.9	27.7	25.1	6.8	30.8	29.4	6.6
Hip Fracture	78	5.1	6.8	3.5	7.7	12.2	6.7	10.3	15.7	8.5
Sepsis	17	5.9	19.1	*	17.6	28.2	*	29.4	34.3	*
PROCEDURES:										
Angioplasty	53	5.7	4.0	3.2	5.7	5.0	3.5	7.5	6.1	3.8
Coronary Artery Bypass Graft	62	6.5	7.2	3.4	8.1	10.1	4.8	9.7	11.7	5.6
Initial Pacemaker Insertion	28	0.0	2.9	*	0.0	5.5	*	7.1	8.0	*
Carotid Endarterectomy	9	0.0	2.0	*	0.0	4.2	*	0.0	6.4	*
Hip Replacement/Reconstruction	41	0.0	3.8	*	2.4	7.2	*	4.9	9.8	*
Open Reduction of Hip Fracture	31	12.9	6.1	*	16.1	11.6	*	19.4	15.3	*
Prostatectomy	72	1.4	1.3	1.7	2.8	3.2	3.1	2.8	5.4	4.2
Cholecystectomy	56	3.6	3.1	5.7	8.9	5.5	6.7	10.7	7.3	6.7
Hysterectomy	6	0.0	0.8	*	0.0	1.7	*	0.0	2.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1990

Total Beds	441
Ownership/Control	Church
STAFFING:	
Medical Residents/Interns	5
Registered Nurses	569
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	Yes
Hospice	Yes
Intensive Care Unit	Yes
Organ Transplant	Yes
Rehabilitation	Yes
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

PORTER MEMORIAL HOSPITAL

Medicare Provider Number: 060064

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,799	8.1	8.5	0.8	12.7	13.1	1.0	15.9	16.8	1.3
CONDITIONS:										
Acute Myocardial Infarction	118	21.2	24.4	5.5	24.6	27.9	5.6	28.0	31.4	6.8
Congestive Heart Failure	133	11.3	16.0	5.6	20.3	24.2	6.1	27.8	31.0	4.7
Pneumonia/Influenza	94	17.0	18.3	4.2	24.5	24.6	4.6	29.8	29.5	5.1
Chronic Obstructive Pulmonary Disease	56	8.9	6.9	4.5	12.5	12.1	4.9	14.3	16.7	5.6
Transient Cerebral Ischemia	33	6.1	2.1	*	6.1	4.4	*	9.1	6.9	*
Stroke	65	24.6	23.1	6.2	30.8	30.2	6.1	32.3	34.9	6.5
Hip Fracture	73	4.1	7.4	3.8	8.2	13.1	5.8	8.2	16.7	6.9
Sepsis	18	16.7	24.8	*	22.2	32.2	*	27.8	38.3	*
PROCEDURE:										
Angioplasty	36	0.0	4.5	*	0.0	5.3	*	0.0	6.3	*
Coronary Artery Bypass Graft	51	13.7	7.9	8.0	17.6	10.5	8.2	19.6	12.0	8.2
Initial Pacemaker Insertion	31	3.2	6.0	*	9.7	9.8	*	16.1	12.9	*
Carotid Endarterectomy	6	0.0	1.8	*	0.0	3.8	*	0.0	5.5	*
Hip Replacement/Reconstruction	49	2.0	3.7	*	6.1	7.0	*	6.1	9.1	*
Open Reduction of Hip Fracture	31	6.5	6.5	*	9.7	12.0	*	9.7	15.6	*
Prostatectomy	67	0.0	1.0	1.6	3.0	2.3	1.9	3.0	3.7	2.5
Cholecystectomy	39	0.0	3.6	*	5.1	6.2	*	7.7	8.0	*
Hysterectomy	5	0.0	0.5	*	0.0	0.8	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,922	7.7	8.4	0.6	12.8	13.0	0.6	16.1	16.8	0.8
CONDITIONS:										
Acute Myocardial Infarction	116	16.4	26.2	5.7	23.3	29.6	4.9	25.9	33.0	5.2
Congestive Heart Failure	104	20.2	16.6	5.0	27.9	24.7	5.9	35.6	31.5	6.0
Pneumonia/Influenza	113	15.9	15.5	3.5	23.9	21.2	5.1	26.5	25.8	5.5
Chronic Obstructive Pulmonary Disease	79	7.6	9.4	5.0	12.7	16.2	4.7	21.5	21.5	4.6
Transient Cerebral Ischemia	27	0.0	2.2	*	0.0	4.5	*	0.0	7.1	*
Stroke	74	17.6	20.3	5.2	27.0	27.4	5.2	33.8	31.9	6.0
Hip Fracture	55	10.9	6.4	5.2	18.2	11.3	7.4	25.5	14.6	9.5
Sepsis	14	28.6	22.4	*	35.7	31.3	*	42.9	37.6	*
PROCEDURES:										
Angioplasty	19	5.3	5.1	*	5.3	6.2	*	10.5	7.4	*
Coronary Artery Bypass Graft	42	9.5	6.9	*	11.9	9.3	*	11.9	10.7	*
Initial Pacemaker Insertion	21	0.0	4.4	*	0.0	8.6	*	0.0	12.4	*
Carotid Endarterectomy	4	0.0	1.7	*	0.0	3.2	*	0.0	4.7	*
Hip Replacement/Reconstruction	36	2.8	3.8	*	2.8	7.4	*	8.3	10.1	*
Open Reduction of Hip Fracture	21	14.3	5.8	*	33.3	10.7	*	42.9	13.9	*
Prostatectomy	70	1.4	1.2	1.5	2.9	2.8	2.0	4.3	4.7	2.6
Cholecystectomy	46	0.0	3.6	*	4.3	6.4	*	6.5	8.4	*
Hysterectomy	5	0.0	0.5	*	0.0	1.0	*	0.0	1.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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Porter Memorial Hospital

January 14, 1991

Gail R. Wilensky, Ph.D., Administrator
Health Care Financing Administration
6325 Security Boulevard
Baltimore, MD 21207

Dear Ms. Wilensky:

We have received our annual medicare hospital mortality information.

The hospital characteristics listed are applicable to Littleton Hospital/Porter and do not include Porter Memorial Hospital. We do share a medicare provider number, but are separate acute care hospitals.

The Porter Hospital characteristics are as follows:

Survey and year 1989	Porter Hospital
Total beds	352
Occupancy rate	67%
Ownership/control	church
Staffing:	
Physicians	1,031
Board certified	98%
RN's	353 FTE / 128 PTE
LPN's	3 FTE / 3 PTE
Ancillary nursing personnel	76 FTE / 18 PTE

Sincerely,

Diane Gladue

Diane Gladue, RN,BSN,CPQA
Director, Patient Care Evaluation

2525 South Downing Street ● Denver, Colorado 80210 ● (303) 778-1955

POUDRE VALLEY HOSPITAL

1024 Lemay Ave
Fort Collins, CO 80524

Medicare Provider Number: 060010

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	2,006	8.0	7.2	0.9	12.0	11.1	1.0	14.6	14.2	0.9
CONDITIONS:										
Acute Myocardial Infarction	63	23.8	23.2	5.4	27.0	26.3	5.9	27.0	29.3	6.9
Congestive Heart Failure	51	11.8	14.1	5.8	15.7	21.9	7.9	25.5	28.5	7.9
Pneumonia/Influenza	67	7.5	13.3	6.7	13.4	18.3	6.6	16.4	22.3	7.5
Chronic Obstructive Pulmonary Disease	30	10.0	7.6	*	30.0	13.2	*	33.3	18.1	*
Transient Cerebral Ischemia	38	0.0	1.6	*	0.0	3.7	*	5.3	5.9	*
Stroke	51	35.3	20.0	9.8	37.3	26.5	9.3	37.3	30.9	9.9
Hip Fracture	63	4.8	6.4	3.7	7.9	11.4	5.6	11.1	14.8	6.8
Sepsis	26	34.6	25.3	*	38.5	33.3	*	38.5	40.0	*
PROCEDURES:										
Angioplasty	39	7.7	4.9	*	10.3	6.2	*	12.8	7.8	*
Coronary Artery Bypass Graft	48	4.2	5.2	*	4.2	7.6	*	4.2	9.2	*
Initial Pacemaker Insertion	5	0.0	3.6	*	0.0	5.8	*	0.0	7.8	*
Carotid Endarterectomy	9	0.0	1.4	*	0.0	2.5	*	0.0	3.7	*
Hip Replacement/Reconstruction	87	1.1	2.1	1.9	2.3	3.8	3.0	2.3	5.1	3.6
Open Reduction of Hip Fracture	44	4.5	5.4	*	6.8	10.1	*	11.4	13.4	*
Prostatectomy	113	0.0	0.6	0.9	0.9	1.4	1.2	2.7	2.4	1.5
Cholecystectomy	41	0.0	3.7	*	0.0	6.6	*	2.4	8.9	*
Hysterectomy	24	0.0	1.1	*	0.0	2.0	*	0.0	2.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	219
Occupancy Rate	63
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	178
Percent of Physicians Board Certified Specialists	87
Medical Residents/Interns	12
Registered Nurses	229
Licensed Practical Nurses	12

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

POUDRE VALLEY HOSPITAL

Medicare Provider Number: 060010

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,939	7.4	7.4	0.7	11.0	11.2	0.8	14.1	14.3	0.8
CONDITIONS:										
Acute Myocardial Infarction	67	22.4	23.3	5.4	25.4	26.4	5.5	28.4	29.6	5.7
Congestive Heart Failure	47	14.9	13.6	*	21.3	21.0	*	27.7	27.4	*
Pneumonia/Influenza	80	10.0	15.1	6.6	18.8	20.9	5.8	22.5	25.5	5.8
Chronic Obstructive Pulmonary Disease	22	18.2	7.7	*	22.7	13.2	*	31.8	17.9	*
Transient Cerebral Ischemia	23	0.0	2.0	*	0.0	4.3	*	4.3	6.7	*
Stroke	60	23.3	21.7	9.8	31.7	28.2	9.2	33.3	32.8	7.3
Hip Fracture	55	5.5	6.9	3.8	10.9	12.4	5.5	12.7	15.8	7.2
Sepsis	18	16.7	28.3	*	33.3	35.2	*	50.0	41.1	*
PROCEDURES:										
Angioplasty	49	4.1	4.4	*	4.1	5.3	*	4.1	6.4	*
Coronary Artery Bypass Graft	42	11.9	7.2	*	14.3	9.9	*	14.3	11.3	*
Initial Pacemaker Insertion	15	13.3	6.0	*	13.3	8.3	*	20.0	10.7	*
Carotid Endarterectomy	10	0.0	1.4	*	0.0	2.5	*	0.0	3.7	*
Hip Replacement/Reconstruction	75	1.3	2.1	1.8	4.0	3.9	2.4	5.3	5.4	3.0
Open Reduction of Hip Fracture	39	7.7	6.1	*	12.8	11.4	*	12.8	14.9	*
Prostatectomy	81	1.2	0.8	1.1	3.7	2.0	2.3	4.9	3.3	3.3
Cholecystectomy	44	2.3	2.3	*	2.3	4.4	*	4.5	6.1	*
Hysterectomy	13	0.0	0.4	*	0.0	0.9	*	0.0	1.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,751	8.6	7.3	1.1	12.9	11.2	1.3	15.7	14.4	1.2
CONDITIONS:										
Acute Myocardial Infarction	70	24.3	22.9	6.2	30.0	26.2	6.7	31.4	29.3	7.4
Congestive Heart Failure	45	20.0	15.4	*	28.9	23.4	*	35.6	30.0	*
Pneumonia/Influenza	70	18.6	14.5	7.7	27.1	19.9	7.3	28.6	24.3	6.4
Chronic Obstructive Pulmonary Disease	32	9.4	7.0	*	15.6	11.9	*	18.8	16.0	*
Transient Cerebral Ischemia	20	5.0	2.0	*	10.0	4.2	*	15.0	6.6	*
Stroke	59	39.0	23.0	8.2	42.4	29.9	9.0	47.5	34.5	8.4
Hip Fracture	50	8.0	6.5	*	18.0	11.6	*	22.0	14.9	*
Sepsis	13	23.1	25.7	*	23.1	35.3	*	23.1	41.8	*
PROCEDURES:										
Angioplasty	36	13.9	5.6	*	16.7	6.5	*	16.7	7.7	*
Coronary Artery Bypass Graft	29	3.4	4.7	*	6.9	6.2	*	10.3	7.2	*
Initial Pacemaker Insertion	10	0.0	4.5	*	0.0	7.7	*	0.0	10.4	*
Carotid Endarterectomy	8	0.0	1.7	*	12.5	3.3	*	25.0	5.1	*
Hip Replacement/Reconstruction	58	1.7	2.7	2.4	5.2	5.0	3.4	5.2	6.7	3.6
Open Reduction of Hip Fracture	30	6.7	5.2	*	20.0	10.1	*	26.7	13.5	*
Prostatectomy	84	0.0	0.6	1.0	1.2	1.6	1.6	1.2	2.7	2.3
Cholecystectomy	51	2.0	3.0	2.7	2.0	5.0	4.4	7.8	6.5	4.2
Hysterectomy	17	0.0	0.3	*	0.0	0.7	*	5.9	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

PROWERS MEDICAL CENTER

2101 South Memorial Drive
Lamar, CO 81052

Medicare Provider Number: 060007

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	252	11.1	10.7	2.5	17.1	16.0	2.5	19.4	20.4	2.7
CONDITIONS:										
Acute Myocardial Infarction	7	28.6	21.6	*	28.6	24.2	*	28.6	27.1	*
Congestive Heart Failure	9	44.4	23.3	*	44.4	31.9	*	44.4	38.8	*
Pneumonia/Influenza	20	20.0	13.7	*	25.0	19.2	*	25.0	23.8	*
Chronic Obstructive Pulmonary Disease	8	25.0	4.8	*	25.0	9.1	*	25.0	13.1	*
Transient Cerebral Ischemia	1	0.0	0.8	*	0.0	1.7	*	0.0	2.6	*
Stroke	10	30.0	14.0	*	40.0	20.8	*	40.0	25.1	*
Hip Fracture	11	0.0	4.4	*	0.0	8.8	*	0.0	12.1	*
Sepsis	9	11.1	40.9	*	11.1	46.8	*	11.1	53.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	4.1	*	0.0	8.8	*	0.0	12.6	*
Open Reduction of Hip Fracture	7	0.0	3.8	*	0.0	7.8	*	0.0	10.8	*
Prostatectomy	0									
Cholecystectomy	4	0.0	7.9	*	0.0	15.3	*	25.0	20.9	*
Hysterectomy	2	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	40
Occupancy Rate	35
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	7
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	12
Licensed Practical Nurses	9

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

PROWERS MEDICAL CENTER

Medicare Provider Number: 060007

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	254	13.4	12.6	2.5	17.7	17.6	3.6	22.8	21.6	4.3
CONDITIONS:										
Acute Myocardial Infarction	12	41.7	32.7	*	41.7	35.9	*	41.7	39.4	*
Congestive Heart Failure	14	14.3	14.9	*	14.3	22.6	*	35.7	29.0	*
Pneumonia/Influenza	26	19.2	19.3	*	26.9	26.8	*	30.8	32.2	*
Chronic Obstructive Pulmonary Disease	8	0.0	4.1	*	0.0	8.4	*	0.0	12.5	*
Transient Cerebral Ischemia	3	0.0	2.8	*	0.0	6.2	*	0.0	9.9	*
Stroke	10	40.0	18.6	*	40.0	26.5	*	40.0	31.1	*
Hip Fracture	16	0.0	3.9	*	0.0	7.5	*	0.0	10.0	*
Sepsis	13	30.8	44.6	*	38.5	51.2	*	53.8	58.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	4.5	*	0.0	8.6	*	0.0	11.1	*
Open Reduction of Hip Fracture	13	0.0	3.3	*	0.0	6.8	*	0.0	9.3	*
Prostatectomy	0									
Cholecystectomy	5	20.0	3.6	*	20.0	6.0	*	20.0	7.4	*
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	220	15.0	12.5	2.8	20.5	18.6	2.8	25.5	23.3	3.1
CONDITIONS:										
Acute Myocardial Infarction	6	50.0	29.2	*	50.0	32.4	*	50.0	35.5	*
Congestive Heart Failure	15	13.3	14.4	*	26.7	22.1	*	40.0	28.6	*
Pneumonia/Influenza	27	22.2	18.9	*	25.9	25.9	*	29.6	31.2	*
Chronic Obstructive Pulmonary Disease	10	0.0	11.3	*	10.0	19.6	*	20.0	25.9	*
Transient Cerebral Ischemia	0									
Stroke	6	50.0	20.7	*	66.7	31.1	*	66.7	37.1	*
Hip Fracture	6	0.0	3.7	*	0.0	7.2	*	16.7	9.8	*
Sepsis	6	16.7	50.8	*	16.7	57.4	*	33.3	63.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	6	0.0	3.1	*	0.0	6.5	*	16.7	9.0	*
Prostatectomy	0									
Cholecystectomy	1	0.0	1.7	*	0.0	2.8	*	0.0	3.9	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

RANGELY DISTRICT HOSPITAL

510 So White Ave
Rangely, CO 81648

Medicare Provider Number: 060073

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	22	9.1	5.1	*	13.6	9.6	*	22.7	14.0	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	1	0.0	9.7	*	0.0	15.0	*	0.0	19.9	*
Pneumonia/Influenza	1	0.0	8.5	*	0.0	11.7	*	0.0	14.9	*
Chronic Obstructive Pulmonary Disease	4	0.0	10.7	*	0.0	21.7	*	50.0	32.2	*
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	21
Occupancy Rate	33
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	3
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	9
Licensed Practical Nurses	0

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

RANGELY DISTRICT HOSPITAL

Medicare Provider Number: 060073

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	23	8.7	8.0	*	13.0	12.4	*	17.4	16.0	*
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	16.5	*	0.0	18.5	*	0.0	21.2	*
Congestive Heart Failure	1	100.0	9.8	*	100.0	14.9	*	100.0	19.7	*
Pneumonia/Influenza	1	0.0	12.8	*	0.0	17.8	*	0.0	22.2	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	22	4.5	5.1	*	9.1	8.2	*	9.1	11.1	*
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	5.0	*	0.0	7.5	*	0.0	9.9	*
Congestive Heart Failure	2	0.0	13.6	*	50.0	22.3	*	50.0	29.7	*
Pneumonia/Influenza	1	0.0	7.5	*	0.0	10.3	*	0.0	13.2	*
Chronic Obstructive Pulmonary Disease	6	16.7	7.2	*	16.7	11.6	*	16.7	15.4	*
Transient Cerebral Ischemia	2	0.0	1.4	*	0.0	2.8	*	0.0	4.3	*
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ROCKY MOUNTAIN HOSPITAL

4701 E 9th Ave
Denver, CO 80220

Medicare Provider Number: 060035

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	77	14.3	10.0	4.8	16.9	14.9	5.6	20.8	19.0	4.8
CONDITIONS:										
Acute Myocardial Infarction	2	100.0	34.5	*	100.0	38.3	*	100.0	43.3	*
Congestive Heart Failure	7	0.0	13.4	*	0.0	21.1	*	0.0	27.6	*
Pneumonia/Influenza	8	0.0	19.2	*	12.5	26.9	*	25.0	32.8	*
Chronic Obstructive Pulmonary Disease	1	0.0	5.1	*	0.0	9.8	*	0.0	14.1	*
Transient Cerebral Ischemia	0									
Stroke	1	100.0	14.9	*	100.0	20.0	*	100.0	23.6	*
Hip Fracture	0									
Sepsis	3	66.7	20.9	*	66.7	27.2	*	66.7	32.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	1.4	*	0.0	3.0	*	0.0	4.7	*
Cholecystectomy	4	25.0	8.8	*	25.0	15.2	*	75.0	19.5	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1988

Total Beds	167
Ownership/Control	Private, Non-Profit
STAFFING:	
Medical Residents/Interns	6
Registered Nurses	48
Licensed Practical Nurses	8

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	Yes
Hospice	No
Intensive Care Unit	Yes
Organ Transplant	No
Rehabilitation	No
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

ROCKY MOUNTAIN HOSPITAL

Medicare Provider Number: 060035

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	342	11.1	10.6	1.7	18.1	15.8	2.4	22.8	19.6	2.9
CONDITIONS:										
Acute Myocardial Infarction	6	16.7	30.0	*	16.7	34.1	*	16.7	37.4	*
Congestive Heart Failure	23	8.7	15.2	*	21.7	23.4	*	34.8	30.1	*
Pneumonia/Influenza	18	16.7	14.0	*	33.3	19.4	*	38.9	23.5	*
Chronic Obstructive Pulmonary Disease	11	18.2	7.7	*	27.3	12.3	*	27.3	16.4	*
Transient Cerebral Ischemia	6	0.0	1.4	*	0.0	3.4	*	0.0	5.6	*
Stroke	9	22.2	13.5	*	33.3	18.2	*	33.3	21.9	*
Hip Fracture	8	0.0	7.1	*	12.5	12.7	*	25.0	16.3	*
Sepsis	5	0.0	25.9	*	60.0	34.3	*	80.0	40.1	*
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	9.9	*	0.0	18.2	*	0.0	24.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	2.1	*	0.0	3.9	*	0.0	5.1	*
Open Reduction of Hip Fracture	5	0.0	7.4	*	20.0	13.9	*	20.0	18.0	*
Prostatectomy	12	0.0	1.8	*	8.3	4.7	*	8.3	7.8	*
Cholecystectomy	6	16.7	1.6	*	16.7	2.5	*	33.3	3.1	*
Hysterectomy	1	0.0	9.1	*	0.0	17.8	*	0.0	24.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	418	12.7	10.9	2.0	21.3	16.3	3.2	25.4	20.5	3.2
CONDITIONS:										
Acute Myocardial Infarction	9	33.3	30.6	*	33.3	33.0	*	33.3	36.1	*
Congestive Heart Failure	29	24.1	17.1	*	44.8	26.0	*	48.3	33.3	*
Pneumonia/Influenza	25	32.0	17.8	*	44.0	24.4	*	44.0	29.4	*
Chronic Obstructive Pulmonary Disease	11	0.0	21.4	*	36.4	34.2	*	45.5	42.4	*
Transient Cerebral Ischemia	8	25.0	2.7	*	25.0	6.0	*	25.0	9.2	*
Stroke	15	6.7	18.7	*	6.7	25.1	*	6.7	29.8	*
Hip Fracture	5	20.0	6.9	*	60.0	12.8	*	60.0	16.9	*
Sepsis	3	66.7	40.3	*	66.7	47.6	*	66.7	53.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	2.6	*	25.0	6.7	*	25.0	11.3	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	0.6	*	0.0	1.3	*	0.0	1.9	*
Open Reduction of Hip Fracture	2	50.0	6.7	*	100.0	12.9	*	100.0	17.2	*
Prostatectomy	7	0.0	3.4	*	14.3	7.8	*	14.3	12.2	*
Cholecystectomy	6	16.7	5.3	*	16.7	7.7	*	16.7	9.0	*
Hysterectomy	5	0.0	1.5	*	0.0	3.1	*	0.0	4.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ROSE MEDICAL CENTER

4567 E 9th Ave
Denver, CO 80220

Medicare Provider Number: 060032

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,069	8.8	7.7	1.0	13.7	12.1	1.3	16.0	15.7	0.9
CONDITIONS:										
Acute Myocardial Infarction	51	29.4	26.5	7.0	31.4	30.1	6.5	31.4	33.8	7.0
Congestive Heart Failure	115	14.8	14.4	3.3	24.3	22.6	5.1	30.4	29.3	4.3
Pneumonia/Influenza	89	16.9	16.1	4.2	23.6	21.8	5.9	28.1	26.5	7.2
Chronic Obstructive Pulmonary Disease	30	13.3	6.3	*	20.0	11.7	*	23.3	16.6	*
Transient Cerebral Ischemia	22	4.5	1.9	*	4.5	4.1	*	4.5	6.6	*
Stroke	51	13.7	21.5	10.4	19.6	28.4	13.2	21.6	33.0	13.4
Hip Fracture	55	7.3	6.8	4.6	9.1	12.5	6.4	9.1	16.5	8.2
Sepsis	21	23.8	22.9	*	28.6	30.9	*	42.9	37.2	*
PROCEDURES:										
Angioplasty	18	0.0	4.1	*	0.0	5.4	*	0.0	6.8	*
Coronary Artery Bypass Graft	25	24.0	7.2	*	24.0	10.8	*	24.0	12.9	*
Initial Pacemaker Insertion	10	0.0	3.1	*	0.0	5.9	*	0.0	8.5	*
Carotid Endarterectomy	4	0.0	1.6	*	0.0	3.0	*	0.0	4.5	*
Hip Replacement/Reconstruction	49	0.0	2.6	*	0.0	5.0	*	0.0	6.8	*
Open Reduction of Hip Fracture	26	7.7	6.2	*	11.5	11.8	*	11.5	15.6	*
Prostatectomy	95	0.0	0.7	1.3	0.0	1.8	2.7	3.2	3.2	2.4
Cholecystectomy	37	8.1	2.2	*	8.1	4.0	*	8.1	5.5	*
Hysterectomy	26	0.0	0.7	*	0.0	1.6	*	3.8	2.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	269
Occupancy Rate	72
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	342
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	349
Licensed Practical Nurses	18

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ROSE MEDICAL CENTER

Medicare Provider Number: 060032

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,136	7.7	8.3	0.9	12.1	12.6	1.1	15.2	16.1	1.4
CONDITIONS:										
Acute Myocardial Infarction	62	11.3	28.7	8.7	16.1	31.9	8.6	21.0	35.3	8.2
Congestive Heart Failure	81	12.3	15.1	4.8	22.2	23.3	4.9	25.9	29.9	6.1
Pneumonia/Influenza	95	13.7	18.7	5.7	25.3	25.2	4.5	32.6	30.3	5.4
Chronic Obstructive Pulmonary Disease	40	7.5	7.4	*	10.0	12.7	*	15.0	17.2	*
Transient Cerebral Ischemia	14	7.1	2.2	*	7.1	4.9	*	7.1	7.7	*
Stroke	53	32.1	26.0	7.9	35.8	32.6	7.0	37.7	37.3	7.1
Hip Fracture	58	8.6	6.2	3.8	13.8	11.5	4.7	15.5	15.0	4.7
Sepsis	22	27.3	28.7	*	31.8	36.9	*	36.4	42.8	*
PROCEDURES:										
Angioplasty	23	4.3	5.0	*	4.3	6.7	*	13.0	8.0	*
Coronary Artery Bypass Graft	33	6.1	5.2	*	6.1	7.2	*	9.1	8.3	*
Initial Pacemaker Insertion	13	0.0	7.7	*	0.0	10.2	*	7.7	12.6	*
Carotid Endarterectomy	6	0.0	1.2	*	0.0	2.1	*	0.0	3.1	*
Hip Replacement/Reconstruction	51	3.9	1.9	2.5	3.9	3.7	3.2	5.9	4.9	3.4
Open Reduction of Hip Fracture	27	3.7	5.6	*	14.8	10.9	*	14.8	14.4	*
Prostatectomy	89	1.1	0.9	1.8	2.2	2.2	2.1	2.2	3.7	2.9
Cholecystectomy	28	3.6	5.1	*	3.6	9.0	*	7.1	11.7	*
Hysterectomy	26	0.0	0.3	*	0.0	0.5	*	3.8	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,084	7.5	7.7	0.6	12.2	12.1	0.7	16.4	15.6	1.0
CONDITIONS:										
Acute Myocardial Infarction	52	21.2	29.7	10.2	28.8	33.5	9.6	30.8	37.0	7.7
Congestive Heart Failure	74	10.8	17.2	7.0	23.0	26.2	5.9	32.4	33.4	5.7
Pneumonia/Influenza	85	14.1	19.2	6.6	25.9	26.0	6.8	32.9	31.4	5.3
Chronic Obstructive Pulmonary Disease	37	5.4	8.8	*	16.2	14.9	*	18.9	19.7	*
Transient Cerebral Ischemia	18	5.6	2.1	*	5.6	4.4	*	11.1	7.0	*
Stroke	48	12.5	21.7	*	31.3	28.6	*	37.5	33.2	*
Hip Fracture	62	4.8	6.0	3.2	9.7	11.0	4.5	12.9	14.4	5.1
Sepsis	12	8.3	22.3	*	25.0	28.5	*	25.0	34.0	*
PROCEDURES:										
Angioplasty	23	0.0	2.1	*	0.0	2.9	*	4.3	3.9	*
Coronary Artery Bypass Graft	41	9.8	6.6	*	9.8	9.6	*	12.2	11.3	*
Initial Pacemaker Insertion	10	0.0	1.5	*	0.0	3.5	*	0.0	5.8	*
Carotid Endarterectomy	8	12.5	1.5	*	12.5	3.0	*	12.5	4.5	*
Hip Replacement/Reconstruction	50	2.0	2.2	*	2.0	3.9	*	2.0	5.1	*
Open Reduction of Hip Fracture	36	0.0	5.0	*	8.3	9.6	*	8.3	12.8	*
Prostatectomy	66	1.5	0.7	1.2	4.5	1.8	2.2	7.6	3.0	3.3
Cholecystectomy	30	3.3	5.3	*	6.7	9.2	*	10.0	12.0	*
Hysterectomy	18	11.1	3.3	*	11.1	6.3	*	11.1	8.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ROUTT MEMORIAL HOSPITAL INC

80 Park Ave
Steamboat Springs, CO 80487

Medicare Provider Number: 060049

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	153	5.9	6.2	2.3	7.8	9.2	2.6	12.4	11.9	2.7
CONDITIONS:										
Acute Myocardial Infarction	3	66.7	30.1	*	66.7	33.0	*	66.7	36.7	*
Congestive Heart Failure	6	0.0	12.7	*	16.7	20.1	*	33.3	26.2	*
Pneumonia/Influenza	8	0.0	10.6	*	0.0	14.4	*	0.0	17.8	*
Chronic Obstructive Pulmonary Disease	1	0.0	2.9	*	0.0	5.6	*	0.0	8.2	*
Transient Cerebral Ischemia	0									
Stroke	6	16.7	25.7	*	16.7	33.4	*	16.7	38.6	*
Hip Fracture	8	0.0	4.4	*	0.0	8.1	*	0.0	10.9	*
Sepsis	3	33.3	27.6	*	33.3	31.6	*	33.3	36.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	11	9.1	3.6	*	9.1	7.0	*	9.1	9.5	*
Open Reduction of Hip Fracture	1	0.0	3.3	*	0.0	6.6	*	0.0	9.2	*
Prostatectomy	0									
Cholecystectomy	4	0.0	3.7	*	0.0	7.0	*	25.0	9.2	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	71
Occupancy Rate	76
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	21
Percent of Physicians Board Certified Specialists	90
Medical Residents/Interns	0
Registered Nurses	28
Licensed Practical Nurses	0

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ROUTT MEMORIAL HOSPITAL INC

Medicare Provider Number: 060049

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	136	8.1	7.8	2.3	11.0	12.1	3.1	11.0	15.4	5.5
CONDITIONS:										
Acute Myocardial Infarction	1	100.0	35.7	*	100.0	40.6	*	100.0	45.6	*
Congestive Heart Failure	8	25.0	15.6	*	25.0	24.1	*	25.0	31.0	*
Pneumonia/Influenza	5	20.0	14.2	*	20.0	20.6	*	20.0	25.1	*
Chronic Obstructive Pulmonary Disease	1	0.0	5.8	*	0.0	10.2	*	0.0	14.0	*
Transient Cerebral Ischemia	1	0.0	0.8	*	0.0	2.0	*	0.0	3.2	*
Stroke	3	33.3	21.4	*	33.3	27.5	*	33.3	31.6	*
Hip Fracture	9	0.0	6.4	*	0.0	11.3	*	0.0	14.2	*
Sepsis	1	100.0	9.2	*	100.0	12.0	*	100.0	14.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	0.0	3.0	*	0.0	5.5	*	0.0	7.0	*
Open Reduction of Hip Fracture	6	0.0	5.5	*	0.0	10.1	*	0.0	13.1	*
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	2	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	92	5.4	6.3	2.7	8.7	9.8	4.0	10.9	12.7	4.5
CONDITIONS:										
Acute Myocardial Infarction	3	33.3	24.3	*	33.3	26.6	*	33.3	29.5	*
Congestive Heart Failure	3	0.0	14.4	*	0.0	20.9	*	0.0	27.0	*
Pneumonia/Influenza	6	33.3	10.1	*	33.3	14.0	*	33.3	17.2	*
Chronic Obstructive Pulmonary Disease	2	50.0	10.6	*	50.0	19.2	*	50.0	26.4	*
Transient Cerebral Ischemia	1	0.0	1.6	*	0.0	3.6	*	0.0	5.7	*
Stroke	0									
Hip Fracture	6	0.0	5.8	*	0.0	10.7	*	0.0	14.1	*
Sepsis	2	0.0	29.3	*	0.0	36.5	*	0.0	41.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*
Open Reduction of Hip Fracture	6	0.0	5.0	*	0.0	9.8	*	0.0	13.1	*
Prostatectomy	0									
Cholecystectomy	1	0.0	1.0	*	0.0	2.1	*	0.0	3.1	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

SAN LUIS VALLEY REGIONAL MEDICAL CENTER

106 Blanca
Alamosa, CO 81101

Medicare Provider Number: 060008

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	426	8.9	8.1	1.5	13.1	11.9	1.9	16.2	15.0	2.2
CONDITIONS:										
Acute Myocardial Infarction	21	38.1	27.3	*	38.1	31.5	*	47.6	35.2	*
Congestive Heart Failure	9	11.1	11.9	*	22.2	17.0	*	33.3	22.1	*
Pneumonia/Influenza	27	3.7	15.2	*	14.8	21.2	*	14.8	25.6	*
Chronic Obstructive Pulmonary Disease	11	9.1	5.5	*	9.1	10.0	*	27.3	14.1	*
Transient Cerebral Ischemia	5	0.0	1.1	*	0.0	2.3	*	0.0	3.6	*
Stroke	14	28.6	14.2	*	35.7	21.1	*	42.9	25.3	*
Hip Fracture	13	7.7	5.3	*	15.4	9.7	*	15.4	12.8	*
Sepsis	7	14.3	26.7	*	28.6	33.0	*	28.6	39.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	3.9	*	0.0	7.0	*	0.0	9.0	*
Open Reduction of Hip Fracture	7	14.3	4.1	*	28.6	8.0	*	28.6	10.9	*
Prostatectomy	0									
Cholecystectomy	10	10.0	2.3	*	10.0	4.3	*	10.0	5.5	*
Hysterectomy	8	0.0	0.7	*	0.0	1.4	*	0.0	2.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	50
Occupancy Rate	40
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	30
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	22
Licensed Practical Nurses	27

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

SAN LUIS VALLEY REGIONAL MEDICAL CENTER

Medicare Provider Number: 060008

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	358	8.1	7.7	2.4	12.0	11.5	2.1	15.6	14.6	2.1
CONDITIONS:										
Acute Myocardial Infarction	20	15.0	23.6	*	15.0	26.7	*	20.0	30.1	*
Congestive Heart Failure	15	13.3	13.7	*	13.3	20.3	*	13.3	26.3	*
Pneumonia/Influenza	26	7.7	13.0	*	11.5	18.1	*	15.4	22.2	*
Chronic Obstructive Pulmonary Disease	8	0.0	6.2	*	0.0	10.3	*	0.0	13.8	*
Transient Cerebral Ischemia	3	0.0	2.1	*	0.0	4.7	*	33.3	7.5	*
Stroke	10	30.0	12.1	*	30.0	17.7	*	40.0	21.5	*
Hip Fracture	21	4.8	4.5	*	9.5	8.4	*	14.3	11.2	*
Sepsis	4	0.0	26.3	*	0.0	30.6	*	0.0	36.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	13	7.7	2.8	*	7.7	5.7	*	15.4	7.9	*
Open Reduction of Hip Fracture	11	0.0	3.9	*	9.1	7.5	*	9.1	10.2	*
Prostatectomy	0									
Cholecystectomy	17	0.0	2.2	*	0.0	3.9	*	0.0	4.9	*
Hysterectomy	7	0.0	0.4	*	0.0	0.9	*	0.0	1.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	305	10.8	9.0	2.6	17.0	13.1	2.8	19.3	16.5	3.1
CONDITIONS:										
Acute Myocardial Infarction	17	29.4	26.5	*	29.4	29.2	*	29.4	32.2	*
Congestive Heart Failure	15	0.0	14.4	*	20.0	21.8	*	33.3	28.1	*
Pneumonia/Influenza	15	20.0	14.3	*	20.0	19.3	*	26.7	23.5	*
Chronic Obstructive Pulmonary Disease	7	14.3	9.4	*	14.3	18.1	*	14.3	24.9	*
Transient Cerebral Ischemia	3	0.0	1.2	*	0.0	2.6	*	0.0	4.1	*
Stroke	12	25.0	19.4	*	33.3	26.5	*	33.3	31.2	*
Hip Fracture	17	0.0	5.3	*	17.6	10.1	*	17.6	13.4	*
Sepsis	3	33.3	23.3	*	66.7	31.1	*	66.7	37.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	0.0	2.5	*	0.0	5.1	*	0.0	7.0	*
Open Reduction of Hip Fracture	6	0.0	5.2	*	16.7	10.2	*	16.7	13.7	*
Prostatectomy	0									
Cholecystectomy	12	8.3	4.5	*	8.3	8.8	*	8.3	11.7	*
Hysterectomy	3	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

SEDGWICK COUNTY HOSPITAL

900 Cedar St
Julesburg, CO 80737

Medicare Provider Number: 060052

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	93	6.5	8.7	4.5	8.6	13.7	5.7	17.2	17.7	4.8
CONDITIONS:										
Acute Myocardial Infarction	2	0.0	24.5	*	0.0	28.4	*	0.0	32.5	*
Congestive Heart Failure	11	27.3	14.1	*	27.3	21.4	*	36.4	27.1	*
Pneumonia/Influenza	3	0.0	9.9	*	0.0	13.6	*	0.0	16.2	*
Chronic Obstructive Pulmonary Disease	6	16.7	8.2	*	33.3	14.0	*	33.3	19.0	*
Transient Cerebral Ischemia	1	0.0	1.0	*	0.0	2.3	*	0.0	3.9	*
Stroke	1	0.0	17.0	*	0.0	30.2	*	0.0	38.7	*
Hip Fracture	1	0.0	18.0	*	0.0	32.8	*	0.0	41.4	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	3	0.0	0.7	*	0.0	1.6	*	0.0	2.5	*
Cholecystectomy	1	0.0	6.3	*	0.0	11.6	*	0.0	15.4	*
Hysterectomy	1	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	56
Occupancy Rate	64
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	2
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	5
Licensed Practical Nurses	1

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

SEDGWICK COUNTY HOSPITAL

Medicare Provider Number: 060052

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	97	11.3	7.4	3.9	16.5	11.3	4.5	18.6	14.7	5.0
CONDITIONS:										
Acute Myocardial Infarction	3	33.3	26.0	*	33.3	30.2	*	33.3	35.4	*
Congestive Heart Failure	4	0.0	13.1	*	25.0	20.3	*	25.0	26.2	*
Pneumonia/Influenza	6	33.3	14.7	*	33.3	20.2	*	50.0	24.9	*
Chronic Obstructive Pulmonary Disease	1	0.0	8.2	*	0.0	15.6	*	0.0	22.1	*
Transient Cerebral Ischemia	3	0.0	1.1	*	0.0	2.5	*	0.0	4.2	*
Stroke	4	0.0	10.6	*	0.0	16.1	*	0.0	19.9	*
Hip Fracture	1	0.0	2.9	*	0.0	5.6	*	0.0	7.5	*
Sepsis	2	50.0	24.2	*	50.0	28.3	*	50.0	33.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	3	0.0	0.7	*	0.0	1.6	*	0.0	2.6	*
Cholecystectomy	0									
Hysterectomy	2	0.0	0.6	*	0.0	1.0	*	0.0	1.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	98	8.2	6.3	4.0	15.3	10.2	4.9	16.3	13.6	4.2
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	26.1	*	0.0	28.6	*	0.0	31.5	*
Congestive Heart Failure	3	0.0	13.0	*	0.0	21.9	*	0.0	29.5	*
Pneumonia/Influenza	3	33.3	16.7	*	33.3	23.8	*	33.3	29.3	*
Chronic Obstructive Pulmonary Disease	2	50.0	6.2	*	50.0	12.4	*	50.0	18.5	*
Transient Cerebral Ischemia	0									
Stroke	2	0.0	15.2	*	0.0	20.1	*	0.0	24.4	*
Hip Fracture	0									
Sepsis	3	0.0	35.4	*	0.0	44.0	*	0.0	51.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	1.9	*	0.0	5.2	*	0.0	9.1	*
Cholecystectomy	0									
Hysterectomy	1	0.0	2.0	*	0.0	4.1	*	0.0	5.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

SOUTHEAST COLORADO HOSPITAL

373 E 10th Ave
Springfield, CO 81073

Medicare Provider Number: 060085

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	104	8.7	13.7	5.8	19.2	19.3	7.1	21.2	23.7	5.8
CONDITIONS:										
Acute Myocardial Infarction	6	33.3	30.8	*	33.3	35.7	*	33.3	39.6	*
Congestive Heart Failure	8	12.5	13.1	*	25.0	20.2	*	25.0	26.4	*
Pneumonia/Influenza	4	25.0	14.9	*	25.0	20.3	*	25.0	25.0	*
Chronic Obstructive Pulmonary Disease	1	0.0	5.2	*	0.0	10.4	*	0.0	15.6	*
Transient Cerebral Ischemia	3	0.0	3.7	*	33.3	8.8	*	66.7	14.3	*
Stroke	5	0.0	23.3	*	0.0	29.6	*	0.0	34.3	*
Hip Fracture	0									
Sepsis	6	0.0	35.2	*	16.7	41.5	*	16.7	47.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	65
Occupancy Rate	66
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	2
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	5
Licensed Practical Nurses	0

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

SOUTHEAST COLORADO HOSPITAL

Medicare Provider Number: 060085

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	142	19.0	16.7	4.6	24.6	22.4	4.2	28.2	26.7	4.4
CONDITIONS:										
Acute Myocardial Infarction	8	50.0	43.1	*	50.0	48.2	*	50.0	52.3	*
Congestive Heart Failure	7	28.6	21.2	*	42.9	31.1	*	42.9	38.2	*
Pneumonia/Influenza	12	41.7	23.0	*	41.7	31.6	*	50.0	37.4	*
Chronic Obstructive Pulmonary Disease	2	0.0	6.3	*	0.0	10.3	*	0.0	14.0	*
Transient Cerebral Ischemia	2	0.0	5.3	*	50.0	12.5	*	50.0	20.6	*
Stroke	7	71.4	38.2	*	71.4	46.9	*	71.4	52.9	*
Hip Fracture	4	0.0	6.3	*	0.0	11.6	*	0.0	14.9	*
Sepsis	7	42.9	51.3	*	71.4	59.4	*	71.4	65.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	3	0.0	6.4	*	0.0	12.4	*	0.0	16.3	*
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	133	12.0	12.4	2.9	14.3	17.8	3.7	19.5	22.1	4.1
CONDITIONS:										
Acute Myocardial Infarction	7	28.6	32.9	*	42.9	35.6	*	42.9	38.6	*
Congestive Heart Failure	12	0.0	19.8	*	0.0	29.8	*	8.3	37.6	*
Pneumonia/Influenza	8	25.0	25.5	*	25.0	33.1	*	37.5	38.2	*
Chronic Obstructive Pulmonary Disease	1	0.0	8.1	*	0.0	13.1	*	0.0	17.2	*
Transient Cerebral Ischemia	1	0.0	1.5	*	0.0	2.9	*	0.0	4.4	*
Stroke	4	25.0	36.4	*	25.0	43.3	*	25.0	48.4	*
Hip Fracture	3	0.0	9.0	*	0.0	16.1	*	0.0	20.3	*
Sepsis	1	0.0	41.4	*	0.0	59.9	*	0.0	69.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	3	0.0	7.8	*	0.0	14.7	*	0.0	18.9	*
Prostatectomy	0									
Cholecystectomy	1	0.0	10.4	*	100.0	25.5	*	100.0	39.5	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

SOUTHWEST MEMORIAL HOSPITAL

1311 North Mildred Rd
Cortez, CO 81321

Medicare Provider Number: 060018

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	380	7.6	8.0	1.4	11.8	12.3	1.7	15.3	15.7	2.0
CONDITIONS:										
Acute Myocardial Infarction	9	22.2	23.2	*	22.2	26.2	*	22.2	29.7	*
Congestive Heart Failure	11	27.3	14.1	*	36.4	22.1	*	36.4	29.1	*
Pneumonia/Influenza	47	12.8	13.4	*	19.1	18.4	*	19.1	22.6	*
Chronic Obstructive Pulmonary Disease	17	0.0	5.7	*	0.0	10.3	*	11.8	14.6	*
Transient Cerebral Ischemia	5	0.0	1.4	*	0.0	3.0	*	0.0	4.8	*
Stroke	6	16.7	17.3	*	16.7	23.3	*	16.7	27.6	*
Hip Fracture	10	20.0	4.5	*	20.0	8.4	*	20.0	11.3	*
Sepsis	2	0.0	14.8	*	0.0	19.1	*	0.0	23.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	50.0	1.4	*	50.0	3.0	*	50.0	4.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	50.0	4.2	*	50.0	8.8	*	50.0	12.4	*
Open Reduction of Hip Fracture	5	0.0	4.3	*	0.0	7.6	*	0.0	9.9	*
Prostatectomy	0									
Cholecystectomy	8	0.0	1.4	*	0.0	2.5	*	0.0	3.3	*
Hysterectomy	2	0.0	0.6	*	0.0	1.2	*	0.0	1.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	137
Occupancy Rate	69
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	17
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	34
Licensed Practical Nurses	5

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

SOUTHWEST MEMORIAL HOSPITAL

Medicare Provider Number: 060018

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	429	10.3	8.6	2.0	14.0	12.8	2.3	18.2	16.1	3.3
CONDITIONS:										
Acute Myocardial Infarction	18	5.6	24.1	*	5.6	27.9	*	16.7	31.7	*
Congestive Heart Failure	17	29.4	12.4	*	35.3	19.7	*	35.3	26.0	*
Pneumonia/Influenza	42	11.9	14.4	*	16.7	19.7	*	21.4	24.0	*
Chronic Obstructive Pulmonary Disease	24	25.0	7.8	*	29.2	13.7	*	29.2	18.9	*
Transient Cerebral Ischemia	3	0.0	2.2	*	0.0	4.7	*	33.3	7.5	*
Stroke	12	25.0	25.0	*	25.0	30.5	*	33.3	35.0	*
Hip Fracture	20	20.0	7.4	*	25.0	13.2	*	30.0	16.9	*
Sepsis	4	0.0	14.8	*	0.0	19.4	*	0.0	23.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	50.0	1.1	*	50.0	2.2	*	50.0	3.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	25.0	6.7	*	25.0	12.0	*	25.0	15.2	*
Open Reduction of Hip Fracture	15	13.3	5.8	*	20.0	11.2	*	26.7	14.8	*
Prostatectomy	0									
Cholecystectomy	16	0.0	1.1	*	0.0	1.8	*	0.0	2.4	*
Hysterectomy	5	0.0	0.4	*	0.0	0.7	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	379	7.4	8.5	2.0	11.6	12.6	2.9	14.2	16.0	3.2
CONDITIONS:										
Acute Myocardial Infarction	16	25.0	29.9	*	31.3	33.1	*	31.3	36.6	*
Congestive Heart Failure	20	0.0	13.8	*	10.0	21.7	*	20.0	28.4	*
Pneumonia/Influenza	41	4.9	13.3	*	4.9	18.2	*	7.3	22.4	*
Chronic Obstructive Pulmonary Disease	14	14.3	7.8	*	21.4	12.5	*	28.6	16.3	*
Transient Cerebral Ischemia	0									
Stroke	9	22.2	26.2	*	22.2	32.2	*	22.2	36.5	*
Hip Fracture	19	0.0	5.8	*	0.0	10.5	*	5.3	13.6	*
Sepsis	9	22.2	22.1	*	22.2	28.4	*	22.2	33.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	0.0	5.1	*	11.1	9.5	*	11.1	13.3	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	0.0	4.2	*	0.0	8.0	*	12.5	10.7	*
Open Reduction of Hip Fracture	11	0.0	5.7	*	0.0	10.5	*	0.0	13.7	*
Prostatectomy	0									
Cholecystectomy	11	18.2	2.6	*	18.2	4.7	*	18.2	6.2	*
Hysterectomy	3	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST ANTHONY HOSPITAL SYSTEMS

4231 W 16th Ave
Denver, CO 80204

Medicare Provider Number: 060015

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	4,446	10.6	9.3	0.5	16.2	14.0	0.7	20.2	17.7	0.8
CONDITIONS:										
Acute Myocardial Infarction	144	22.2	23.8	3.7	25.7	26.9	4.1	27.1	30.1	4.4
Congestive Heart Failure	203	15.8	14.0	3.5	23.2	21.8	3.6	30.5	28.3	4.8
Pneumonia/Influenza	194	20.6	17.3	3.0	30.4	23.4	4.0	36.6	28.1	4.3
Chronic Obstructive Pulmonary Disease	82	9.8	8.5	4.8	13.4	14.7	4.0	22.0	20.1	5.2
Transient Cerebral Ischemia	53	1.9	2.0	2.2	3.8	4.5	2.9	5.7	7.2	3.7
Stroke	154	24.0	22.2	4.0	32.5	28.9	5.2	40.9	33.3	6.2
Hip Fracture	157	10.8	7.5	3.5	19.1	13.2	5.2	20.4	16.9	4.9
Sepsis	49	28.6	27.8	*	32.7	35.4	*	38.8	41.9	*
PROCEDURES:										
Angioplasty	35	5.7	4.9	*	5.7	5.8	*	8.6	7.0	*
Coronary Artery Bypass Graft	44	11.4	5.4	*	15.9	7.6	*	15.9	9.0	*
Initial Pacemaker Insertion	25	0.0	2.7	*	4.0	5.5	*	8.0	8.4	*
Carotid Endarterectomy	10	0.0	1.1	*	0.0	2.1	*	0.0	3.0	*
Hip Replacement/Reconstruction	103	6.8	4.7	2.8	9.7	8.7	3.5	11.7	11.4	4.9
Open Reduction of Hip Fracture	72	9.7	6.9	5.3	20.8	12.5	8.7	23.6	16.2	9.0
Prostatectomy	189	0.5	1.3	1.7	3.7	3.0	1.3	4.8	4.8	1.6
Cholecystectomy	118	5.1	3.5	3.0	8.5	6.2	4.2	10.2	8.0	5.3
Hysterectomy	23	0.0	0.6	*	0.0	1.0	*	0.0	1.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1989

Total Beds	855
Ownership/Control	Church
STAFFING:	
Medical Residents/Interns	9
Registered Nurses	500
Licensed Practical Nurses	80

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	Yes
Hospice	No
Intensive Care Unit	Yes
Organ Transplant	No
Rehabilitation	Yes
Shock Trauma	Yes

**** Not used in calculating hospital mortality rates.**

ST ANTHONY HOSPITAL SYSTEMS

Medicare Provider Number: 060015

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	4,457	12.2	9.6	0.6	18.1	14.3	1.0	21.7	18.1	0.7
CONDITIONS:										
Acute Myocardial Infarction	157	31.2	26.5	4.4	34.4	29.8	4.3	36.9	33.2	4.3
Congestive Heart Failure	192	20.8	15.7	4.8	28.6	23.5	4.7	33.9	30.1	4.2
Pneumonia/Influenza	237	24.1	18.8	2.9	35.4	25.2	3.9	39.7	30.1	4.0
Chronic Obstructive Pulmonary Disease	92	12.0	8.7	3.8	18.5	14.3	5.1	27.2	19.2	7.3
Transient Cerebral Ischemia	55	9.1	2.2	3.8	12.7	4.7	4.6	18.2	7.3	6.2
Stroke	106	30.2	24.6	5.4	37.7	31.3	6.5	44.3	36.0	8.3
Hip Fracture	141	9.9	7.2	3.9	14.2	12.9	4.2	17.0	16.5	3.3
Sepsis	34	41.2	32.6	*	44.1	38.9	*	52.9	44.7	*
PROCEDURE:										
Angioplasty	43	4.7	3.9	*	7.0	4.9	*	7.0	6.0	*
Coronary Artery Bypass Graft	54	13.0	6.9	4.8	20.4	9.4	6.8	22.2	10.8	7.9
Initial Pacemaker Insertion	20	0.0	2.9	*	5.0	5.1	*	5.0	7.3	*
Carotid Endarterectomy	9	0.0	1.1	*	0.0	2.0	*	0.0	3.0	*
Hip Replacement/Reconstruction	97	6.2	4.1	3.8	9.3	7.7	4.9	11.3	10.1	4.8
Open Reduction of Hip Fracture	68	5.9	6.2	3.7	8.8	11.5	5.3	11.8	15.0	6.4
Prostatectomy	179	2.8	1.3	1.4	3.9	2.9	1.4	6.7	4.6	2.1
Cholecystectomy	111	11.7	3.7	4.7	15.3	6.8	4.4	15.3	9.0	4.0
Hysterectomy	26	0.0	1.0	*	3.8	2.0	*	3.8	2.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,522	11.2	9.3	0.7	16.3	13.7	1.0	19.7	17.3	0.9
CONDITIONS:										
Acute Myocardial Infarction	117	27.4	26.6	4.1	30.8	30.0	4.6	31.6	33.3	4.8
Congestive Heart Failure	124	23.4	16.3	7.5	28.2	24.4	8.2	36.3	31.3	7.6
Pneumonia/Influenza	132	22.7	19.7	4.2	30.3	26.1	6.7	35.6	31.2	6.5
Chronic Obstructive Pulmonary Disease	84	20.2	11.7	6.1	28.6	19.2	7.4	33.3	24.8	7.1
Transient Cerebral Ischemia	50	6.0	2.0	*	12.0	4.2	*	12.0	6.6	*
Stroke	99	21.2	30.8	6.6	33.3	36.5	7.0	39.4	40.8	5.7
Hip Fracture	103	4.9	6.7	3.1	13.6	12.0	3.7	16.5	15.5	4.1
Sepsis	36	47.2	33.1	*	66.7	39.2	*	66.7	44.9	*
PROCEDURES:										
Angioplasty	44	0.0	4.5	*	2.3	5.8	*	2.3	7.1	*
Coronary Artery Bypass Graft	66	7.6	7.0	3.2	9.1	9.5	3.7	10.6	10.9	3.9
Initial Pacemaker Insertion	23	0.0	4.3	*	0.0	8.3	*	4.3	11.8	*
Carotid Endarterectomy	12	0.0	1.7	*	0.0	3.2	*	0.0	4.6	*
Hip Replacement/Reconstruction	91	1.1	2.8	2.3	4.4	5.1	2.5	6.6	6.7	2.6
Open Reduction of Hip Fracture	53	3.8	6.3	5.1	13.2	12.0	6.1	17.0	15.8	6.0
Prostatectomy	131	0.0	0.9	1.7	2.3	2.3	1.9	3.8	3.9	2.6
Cholecystectomy	96	4.2	3.2	1.9	10.4	5.5	3.3	11.5	7.2	4.1
Hysterectomy	11	0.0	0.6	*	0.0	1.3	*	0.0	1.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

123.1

A Facility of St. Anthony Hospital Systems

ST ANTHONY HOSPITAL CENTRAL

4231 West 16th Avenue, Denver, Colorado 80204 (303) 629-3511

January 15, 1991 MC Provider #060015

We would like to state certain facts pertaining to this hospital. St. Anthony Hospital had 44.4% Medicare patients in 1989. We are a major trauma center (ACS-Level I designation) with a helicopter service. We have a true commitment to care of the elderly by providing five Senior Health Clinics, an extended care unit, a certified rehabilitation unit, two skilled nursing facility units, a congregated living center for seniors, and three home health nursing services. All of these areas primarily refer their patients requiring hospitalization to St. Anthony Hospital. There are approximately 40 nursing homes and two rehabilitation units that refer patients to our hospital system. These patients are dependent and considerably less medically stable than those patients who are caring for themselves at home. A high majority of mortality associated with procedures involved patients who have lived beyond their predicted life span.

Several physician groups on our medical staff specialize exclusively in the practice of gerontology. All of their patients are admitted to St. Anthony Hospital Systems.

Many deaths occur outside of the hospital at 30, 90, or 180 days post admission. This makes the data much less meaningful as a patient can be hospitalized and discharged medically stable, only to have a myocardial infarction and die or be killed in a car accident. Furthermore, the Medicare mortality rates are not adjusted for differences in severity of illness. St. Anthony Hospital is addressing this weakness of the data by using the MediQual Medisgroups system of severity adjustment. This system will enable identification of mortality rates in a meaningful way. Recent studies have demonstrated - without severity adjustment, mortality rates have limited significance.

All inpatient deaths have physician review through St. Anthony Hospital Systems Quality Management Department to determine if the care met acceptable standards.

A commonly accepted medical statistical standard for comparing an actual observation with a predicted value is two standard deviations. This means that unless an observation falls two standard deviations above or below the expected or average value, one cannot conclude that the difference represents true as opposed to chance variation. Looking at each of the individual condition and procedure mortality rates, virtually all the variations both above and below the expected rate, were within one standard deviation of the predicted value, and none were beyond two standard deviations. We make a strong appeal to educate the media that observed values falling within two standard deviations of predicted rates are considered in the limits of an acceptable range.

The following areas were reviewed.

I. Coronary Artery Bypass Graft (CABG): number of cases - 44; 11.4 observed;5.4 predicted. There were 5 deaths. Three of the cases were emergent. The average age was 73.6. A brief description of the 5 cases follows.

Sponsored by Sisters of Saint Francis of Colorado Springs • Affiliated with Sisters of Charity Health Care Systems of Cincinnati

St. Anthony Hospital Central • St. Anthony Hospital North • Mercy Medical Center • St. Anthony Pavilion • The Gardens at St. Elizabeth
Summit Medical Center, Frisco • Emergency Medical Center, Granby • Highlands Ranch Healthcare Plaza • Downtown Health Care
Northwest Oncology Care Center

#1. 70 y.o. admitted with myocardial infarction (MI). Performed cardiac cath which showed occlusion. Emergent CABG.
#2. 78 y.o. admitted with MI; total occlusion Rt coronary artery. Emergency CABG. Documentation - if surgery is not done, 95% mortality - if surgery is done, 50%.
#3. 69 y.o. - occluded proximal coronary artery. Emergency CABG (recent MI).
#4. 77 y.o. - severe coronary artery disease (CAD). Elective CABG.
#5. 74 y.o. - severe CAD. Elective redo CABG and previous angioplasty procedure X3. Perioperative MI, post op V. Fib, cardiac arrest.

II. Hip Replacement: 103 cases; 6.8 observed; 4.7 predicted. 7 deaths. Only 3 deaths in hospital = 2.9%. Average age = 88.9 years. All 3 deaths involved incidents of non-elective surgery.
#1. 82 y.o. - fell and fractured hip. Hx Parkinson's disease, COPD, and diabetes.
#2. 98 y.o. - fell and fractured hip. Problems with bleeding during O.R. Fragile state.
#3. 73 y.o. - fell and fractured hip. Severe COPD. Documentation by the surgeon indicates if surgical procedure not performed, patient must maintain bed rest X3 months, will probably die; if hip replacement is done, may die.

III. Open Reduction of Hip Fracture - ORIF: 72 cases; 9.7 observed; 6.9 predicted. 7 deaths. 6 died in hospital = 8.3%. Average age = 80.2 years. All cases non-elective. All patients had suffered falls.
#1. 72 y.o. - Hx recent cardiac arrest; diabetic.
#2. 81 y.o. - Hx Alzheimer's disease. High blood pressure, diabetic.
#3. 81 y.o. - Hx CHF, ETOH abuse. Post op massive gastrointestinal bleed.
#4. 79 y.o. - diabetic, chronic renal failure secondary to the diabetes, blind.
#5. 71 y.o. - pneumonia post op, Hx ETOH abuse and ascites. UGI bleed post op.

IV. Chole: 118 cases; 5.1 observed; 3.5 predicted. 6 deaths. Average age 71.6. All 6 cases emergent/non-elective.
#1. 74 y.o. - patient with ruptured abdominal aortic aneurysm (AAA). Post op multiple organ failure.
#2. 75 y.o. - admitted with pulmonary embolism and esophageal cancer. Had to do emergency chole.
#3. 65 y.o. - admitted with pulmonary edema and pneumonia. Hx of chronic renal failure with kidney transplant. Also while in hospital had PTCA and nephrectomy and non-elective chole.
#4. 68 y.o. - admitted with severe anemia and history of ETOH abuse and hemorrhagic gastritis. Needed emergency chole.
#5. 72 y.o. - admitted with GI bleed, CHF, acute renal failure, and COPD. Needed expl. lap for ischemic bowel. Also did chole, liver Bx, and cecostomy.
#6. 76 y.o., non-elective. Hx cancer of the prostate with metastasis.

After presenting the foregoing details of our case mix we respectfully request a review of the formula used in calculating our predicted value for mortality of "All Causes." We question the reliability of a standard deviation as small as 0.5 in relation to this data.

Peter Donald, Chief Executive Officer/Executive Vice President
St. Anthony Healthcare Corporation

ST FRANCIS HOSPITAL SYSTEMS

800 E Pikes Peak Ave
Colorado Springs, CO 80903

Medicare Provider Number: 060017

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,047	8.9	7.9	1.0	12.5	11.5	1.1	15.6	14.6	1.2
CONDITIONS:										
Acute Myocardial Infarction	30	20.0	21.5	*	23.3	24.7	*	26.7	28.3	*
Congestive Heart Failure	35	5.7	11.4	*	17.1	17.6	*	25.7	23.1	*
Pneumonia/Influenza	39	12.8	12.8	*	15.4	18.2	*	17.9	22.2	*
Chronic Obstructive Pulmonary Disease	27	14.8	6.9	*	18.5	12.3	*	18.5	17.3	*
Transient Cerebral Ischemia	12	0.0	1.7	*	8.3	3.8	*	16.7	6.2	*
Stroke	45	17.8	39.2	*	20.0	44.6	*	31.1	49.5	*
Hip Fracture	54	7.4	5.1	3.3	7.4	9.5	4.3	7.4	12.6	6.1
Sepsis	7	28.6	31.4	*	57.1	37.5	*	57.1	44.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	2.7	*	0.0	5.6	*	0.0	8.4	*
Carotid Endarterectomy	2	0.0	1.3	*	0.0	2.5	*	0.0	3.7	*
Hip Replacement/Reconstruction	29	3.4	2.4	*	3.4	4.8	*	3.4	6.9	*
Open Reduction of Hip Fracture	27	7.4	5.2	*	7.4	10.2	*	7.4	13.7	*
Prostatectomy	34	2.9	0.6	*	2.9	1.3	*	2.9	2.3	*
Cholecystectomy	22	0.0	4.8	*	4.5	7.9	*	4.5	9.8	*
Hysterectomy	18	0.0	0.4	*	0.0	0.8	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1989

Total Beds	204
Ownership/Control	Church
STAFFING:	
Medical Residents/Interns	0
Registered Nurses	155
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	Yes
Hospice	Yes
Intensive Care Unit	Yes
Organ Transplant	No
Rehabilitation	Yes
Shock Trauma	Yes

**** Not used in calculating hospital mortality rates.**

ST FRANCIS HOSPITAL SYSTEMS

Medicare Provider Number: 060017

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,010	9.6	9.5	1.0	14.9	13.7	1.4	18.3	17.1	1.6
CONDITIONS:										
Acute Myocardial Infarction	25	28.0	26.5	*	32.0	30.9	*	32.0	34.7	*
Congestive Heart Failure	36	8.3	14.2	*	19.4	21.5	*	19.4	27.6	*
Pneumonia/Influenza	46	10.9	15.2	*	17.4	20.5	*	23.9	24.9	*
Chronic Obstructive Pulmonary Disease	24	20.8	6.8	*	25.0	12.0	*	25.0	16.9	*
Transient Cerebral Ischemia	17	0.0	1.8	*	0.0	4.0	*	5.9	6.3	*
Stroke	45	17.8	37.5	*	24.4	42.9	*	28.9	47.3	*
Hip Fracture	57	7.0	5.3	3.7	17.5	10.0	5.5	26.3	13.3	6.8
Sepsis	12	25.0	33.1	*	58.3	41.6	*	66.7	48.6	*
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	35	2.9	2.5	*	14.3	5.1	*	14.3	7.0	*
Open Reduction of Hip Fracture	33	9.1	5.1	*	15.2	9.9	*	27.3	13.4	*
Prostatectomy	40	0.0	0.7	*	2.5	1.7	*	2.5	2.8	*
Cholecystectomy	17	5.9	2.6	*	11.8	5.1	*	11.8	7.2	*
Hysterectomy	11	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,292	9.0	7.8	1.2	12.4	11.6	1.1	15.0	14.6	1.0
CONDITIONS:										
Acute Myocardial Infarction	27	25.9	25.1	*	29.6	28.5	*	37.0	32.5	*
Congestive Heart Failure	41	19.5	14.3	*	26.8	21.7	*	29.3	27.8	*
Pneumonia/Influenza	53	18.9	14.7	7.6	22.6	20.1	8.3	28.3	24.6	7.9
Chronic Obstructive Pulmonary Disease	21	9.5	7.6	*	19.0	12.6	*	23.8	16.9	*
Transient Cerebral Ischemia	22	0.0	1.5	*	0.0	3.2	*	0.0	5.0	*
Stroke	54	25.9	39.4	11.1	29.6	44.8	10.8	35.2	49.2	10.2
Hip Fracture	54	5.6	5.6	3.3	11.1	10.5	4.2	13.0	14.0	5.0
Sepsis	9	33.3	26.8	*	44.4	35.5	*	44.4	42.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	2.7	*	0.0	6.2	*	0.0	9.7	*
Carotid Endarterectomy	4	0.0	1.4	*	0.0	2.6	*	0.0	3.9	*
Hip Replacement/Reconstruction	34	2.9	1.8	*	5.9	3.5	*	8.8	4.9	*
Open Reduction of Hip Fracture	33	9.1	5.2	*	12.1	9.9	*	12.1	13.3	*
Prostatectomy	55	1.8	0.7	1.5	1.8	1.6	2.2	3.6	2.8	2.5
Cholecystectomy	29	10.3	2.2	*	10.3	3.9	*	10.3	5.2	*
Hysterectomy	12	0.0	0.2	*	0.0	0.5	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST JOSEPH HOSPITAL

1835 Franklin St
Denver, CO 80218

Medicare Provider Number: 060028

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	4,214	5.9	7.3	0.5	10.2	11.3	0.7	13.2	14.5	0.7
CONDITIONS:										
Acute Myocardial Infarction	116	13.8	22.7	5.6	18.1	25.9	5.5	22.4	29.1	5.4
Congestive Heart Failure	139	13.7	14.8	3.5	25.2	23.1	4.0	32.4	30.0	5.7
Pneumonia/Influenza	116	11.2	15.6	5.4	16.4	21.6	5.6	22.4	26.2	4.9
Chronic Obstructive Pulmonary Disease	90	11.1	8.2	3.8	15.6	13.8	4.8	21.1	18.6	5.5
Transient Cerebral Ischemia	37	0.0	1.9	*	5.4	4.1	*	8.1	6.5	*
Stroke	106	16.0	20.6	8.0	22.6	26.9	7.8	26.4	31.4	7.6
Hip Fracture	116	7.8	6.5	3.1	15.5	11.4	7.0	15.5	14.7	6.6
Sepsis	32	31.3	24.8	*	37.5	32.9	*	37.5	39.1	*
PROCEDURES:										
Angioplasty	44	4.5	3.4	*	9.1	4.2	*	11.4	5.2	*
Coronary Artery Bypass Graft	82	12.2	5.1	4.4	15.9	7.2	5.5	17.1	8.6	5.7
Initial Pacemaker Insertion	13	0.0	2.2	*	0.0	4.4	*	0.0	6.5	*
Carotid Endarterectomy	22	0.0	1.6	*	0.0	3.0	*	0.0	4.4	*
Hip Replacement/Reconstruction	141	0.7	2.4	1.9	2.8	4.4	2.7	2.8	6.0	3.1
Open Reduction of Hip Fracture	47	8.5	6.1	*	17.0	11.1	*	17.0	14.3	*
Prostatectomy	155	1.3	0.8	0.8	1.9	1.9	1.2	3.2	3.2	1.4
Cholecystectomy	84	2.4	2.8	1.9	2.4	5.0	3.0	6.0	6.6	2.9
Hysterectomy	45	2.2	1.2	*	2.2	2.8	*	4.4	4.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	481
Occupancy Rate	69
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	467
Percent of Physicians Board Certified Specialists	69
Medical Residents/Interns	89
Registered Nurses	526
Licensed Practical Nurses	30

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST JOSEPH HOSPITAL

Medicare Provider Number: 060028

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	4,163	6.8	6.9	0.6	11.1	10.8	0.6	13.8	13.9	0.5
CONDITIONS:										
Acute Myocardial Infarction	133	12.8	23.4	6.0	18.0	26.9	6.3	20.3	30.6	6.2
Congestive Heart Failure	121	13.2	14.8	3.7	24.0	23.0	4.1	32.2	29.8	5.3
Pneumonia/Influenza	105	17.1	12.8	3.5	17.1	17.9	3.8	18.1	22.0	4.2
Chronic Obstructive Pulmonary Disease	84	4.8	8.4	3.7	9.5	14.0	4.6	15.5	18.9	4.6
Transient Cerebral Ischemia	44	2.3	2.1	*	2.3	4.4	*	2.3	6.9	*
Stroke	96	18.7	21.3	5.7	28.1	27.7	4.8	32.3	32.2	4.9
Hip Fracture	89	6.7	5.4	3.3	10.1	9.9	3.7	11.2	12.9	4.4
Sepsis	30	26.7	24.6	*	40.0	32.2	*	46.7	38.5	*
PROCEDURES:										
Angioplasty	38	0.0	5.3	*	2.6	6.5	*	2.6	7.8	*
Coronary Artery Bypass Graft	60	8.3	5.2	5.3	11.7	6.9	6.2	11.7	8.1	8.3
Initial Pacemaker Insertion	13	0.0	5.0	*	0.0	9.1	*	0.0	12.6	*
Carotid Endarterectomy	26	3.8	1.2	*	3.8	2.2	*	3.8	3.3	*
Hip Replacement/Reconstruction	119	0.8	1.7	1.7	2.5	3.3	1.9	3.4	4.6	2.3
Open Reduction of Hip Fracture	35	5.7	5.0	*	8.6	9.6	*	11.4	12.6	*
Prostatectomy	202	0.0	0.8	0.9	1.0	1.8	1.7	1.5	3.1	2.5
Cholecystectomy	85	1.2	1.7	1.5	2.4	3.2	2.2	3.5	4.2	2.4
Hysterectomy	44	0.0	0.8	*	0.0	1.6	*	2.3	2.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,746	6.6	6.9	0.5	10.8	10.8	0.6	14.0	14.0	0.6
CONDITIONS:										
Acute Myocardial Infarction	142	14.1	26.7	4.9	19.0	30.1	4.9	19.7	33.9	5.9
Congestive Heart Failure	122	13.9	14.6	3.2	20.5	22.5	4.0	32.0	29.1	4.3
Pneumonia/Influenza	112	11.6	13.6	3.7	19.6	18.9	3.8	24.1	23.2	4.4
Chronic Obstructive Pulmonary Disease	51	9.8	8.1	4.5	15.7	14.1	6.5	23.5	18.9	9.6
Transient Cerebral Ischemia	38	2.6	2.1	*	2.6	4.5	*	2.6	7.2	*
Stroke	95	10.5	18.2	5.9	15.8	24.1	6.6	17.9	28.4	7.4
Hip Fracture	103	4.9	5.4	3.7	12.6	10.0	4.3	15.5	13.3	4.7
Sepsis	16	18.8	28.2	*	25.0	35.2	*	25.0	41.3	*
PROCEDURES:										
Angioplasty	18	0.0	6.0	*	0.0	6.9	*	0.0	8.3	*
Coronary Artery Bypass Graft	57	5.3	4.9	3.0	5.3	6.8	3.7	7.0	8.0	4.0
Initial Pacemaker Insertion	17	0.0	2.6	*	0.0	5.2	*	0.0	7.5	*
Carotid Endarterectomy	19	0.0	1.7	*	5.3	3.4	*	10.5	5.1	*
Hip Replacement/Reconstruction	114	0.9	2.4	2.1	6.1	4.6	2.3	8.8	6.4	3.5
Open Reduction of Hip Fracture	40	5.0	5.0	*	12.5	9.5	*	12.5	12.7	*
Prostatectomy	156	0.0	0.7	0.9	0.6	1.8	1.5	2.6	3.1	1.8
Cholecystectomy	85	4.7	3.2	2.7	5.9	5.2	3.2	5.9	6.7	3.5
Hysterectomy	36	0.0	0.9	*	0.0	2.0	*	0.0	3.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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Saint Joseph Hospital

THE LEADER. THE CHOICE.

January 15, 1991

Mrs. Sandra Kappert
Health Care Financing Administration
Health Standards and Quality Bureau
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

We would be grateful if you would include these comments when you publish our Medicare Hospital Mortality information pertaining to coronary bypass surgery.

From the Cardiovascular Registry, the actual total Medicare patients for the same fiscal year 1989 time period was 188. The 30 day mortality for all Medicare patients in this category was 9.6% (compared with 12.2% for the randomly selected sample group).

Saint Joseph Hospital compared all the Medicare patients who are in our Medisgroups data base for the same fiscal year period with the Medisgroups Comparative Data Base. For two of three of the DRGs, the patients at Saint Joseph Hospital had a higher average weighted severity. In simple terms, the patients who had coronary bypass surgery at Saint Joseph Hospital were sicker than the patients who had such surgery nationally.

Thank you.
Sincerely,

Richard A. Batt

Richard A. Batt
Executive Vice President

1835 Franklin Street • Denver, Colorado [illegible] (303) 837-7111

ST JOSEPH HOSPITAL

600 West 3rd St
Florence, CO 81226

Medicare Provider Number: 060045

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	130	13.8	12.6	4.1	20.0	18.5	3.6	23.8	23.2	4.1
CONDITIONS:										
Acute Myocardial Infarction	5	20.0	26.4	*	20.0	30.7	*	20.0	35.5	*
Congestive Heart Failure	3	33.3	32.7	*	33.3	48.0	*	66.7	56.8	*
Pneumonia/Influenza	26	15.4	19.1	*	26.9	25.5	*	38.5	30.6	*
Chronic Obstructive Pulmonary Disease	3	33.3	7.4	*	33.3	12.5	*	33.3	17.7	*
Transient Cerebral Ischemia	2	0.0	1.0	*	0.0	2.2	*	0.0	3.4	*
Stroke	5	40.0	19.9	*	60.0	26.3	*	60.0	31.4	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	5	0.0	1.9	*	0.0	5.1	*	0.0	9.3	*
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	77
Occupancy Rate	55
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	6
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	12
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST JOSEPH HOSPITAL

Medicare Provider Number: 060045

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	192	14.1	12.0	3.3	20.3	17.1	4.0	23.4	21.2	3.9
CONDITIONS:										
Acute Myocardial Infarction	4	50.0	43.9	*	50.0	50.0	*	50.0	55.1	*
Congestive Heart Failure	3	0.0	20.3	*	0.0	30.1	*	0.0	38.1	*
Pneumonia/Influenza	30	13.3	19.5	*	26.7	25.7	*	26.7	30.3	*
Chronic Obstructive Pulmonary Disease	3	0.0	6.4	*	0.0	11.0	*	0.0	15.5	*
Transient Cerebral Ischemia	4	0.0	1.4	*	0.0	3.5	*	0.0	5.4	*
Stroke	13	38.5	24.3	*	46.2	31.1	*	46.2	36.3	*
Hip Fracture	0									
Sepsis	6	16.7	23.1	*	16.7	33.0	*	50.0	40.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	1.2	*	0.0	3.2	*	0.0	5.7	*
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	170	11.8	10.9	2.6	18.2	15.8	3.5	21.8	19.9	4.4
CONDITIONS:										
Acute Myocardial Infarction	6	33.3	29.7	*	33.3	35.0	*	33.3	39.1	*
Congestive Heart Failure	10	0.0	17.0	*	20.0	24.8	*	30.0	31.4	*
Pneumonia/Influenza	29	31.0	20.3	*	41.4	26.8	*	44.8	31.7	*
Chronic Obstructive Pulmonary Disease	3	0.0	9.4	*	0.0	14.5	*	33.3	19.3	*
Transient Cerebral Ischemia	0									
Stroke	3	33.3	18.9	*	33.3	24.3	*	33.3	28.8	*
Hip Fracture	0									
Sepsis	2	0.0	35.4	*	100.0	40.4	*	100.0	46.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	0.8	*	0.0	1.6	*	0.0	2.6	*
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST JOSEPH HOSPITAL OF DEL NORTE INC

1280 Grande Ave
Del Norte, CO 81132

Medicare Provider Number: 060072

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	180	6.7	6.0	2.2	10.6	9.4	2.4	12.8	12.4	3.1
CONDITIONS:										
Acute Myocardial Infarction	6	33.3	14.2	*	33.3	17.0	*	33.3	19.9	*
Congestive Heart Failure	8	0.0	10.5	*	12.5	16.6	*	25.0	22.1	*
Pneumonia/Influenza	17	11.8	12.1	*	17.6	16.9	*	17.6	20.8	*
Chronic Obstructive Pulmonary Disease	4	0.0	4.2	*	25.0	8.1	*	25.0	11.4	*
Transient Cerebral Ischemia	5	20.0	0.7	*	20.0	1.6	*	20.0	2.8	*
Stroke	0									
Hip Fracture	2	0.0	4.3	*	0.0	8.2	*	0.0	11.0	*
Sepsis	2	0.0	28.2	*	50.0	34.1	*	50.0	39.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	65
Occupancy Rate	57
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	11
Percent of Physicians Board Certified Specialists	91
Medical Residents/Interns	0
Registered Nurses	7
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST JOSEPH HOSPITAL OF DEL NORTE INC

Medicare Provider Number: 060072

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	168	9.5	5.7	2.6	12.5	9.0	3.1	16.7	12.0	3.4
CONDITIONS:										
Acute Myocardial Infarction	8	50.0	23.2	*	50.0	27.3	*	62.5	30.8	*
Congestive Heart Failure	4	25.0	8.9	*	50.0	14.7	*	50.0	20.1	*
Pneumonia/Influenza	14	14.3	12.4	*	14.3	17.3	*	14.3	21.5	*
Chronic Obstructive Pulmonary Disease	7	14.3	4.2	*	14.3	8.1	*	14.3	11.6	*
Transient Cerebral Ischemia	4	0.0	1.2	*	0.0	2.6	*	0.0	4.1	*
Stroke	0									
Hip Fracture	1	0.0	2.0	*	0.0	4.0	*	0.0	5.6	*
Sepsis	4	25.0	19.5	*	25.0	26.0	*	25.0	31.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	129	10.9	7.4	3.2	16.3	11.2	3.8	17.8	14.5	3.9
CONDITIONS:										
Acute Myocardial Infarction	6	16.7	18.5	*	16.7	24.6	*	16.7	29.5	*
Congestive Heart Failure	9	11.1	15.6	*	22.2	25.1	*	33.3	32.8	*
Pneumonia/Influenza	4	50.0	14.4	*	50.0	20.8	*	50.0	25.6	*
Chronic Obstructive Pulmonary Disease	4	0.0	3.3	*	0.0	6.1	*	0.0	8.6	*
Transient Cerebral Ischemia	0									
Stroke	1	100.0	37.1	*	100.0	45.1	*	100.0	49.4	*
Hip Fracture	1	100.0	1.8	*	100.0	3.7	*	100.0	5.2	*
Sepsis	2	0.0	19.7	*	0.0	25.4	*	0.0	30.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	0.8	*	0.0	1.7	*	0.0	2.3	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST MARY CORWIN HOSPITAL

1008 Minnequa Ave
Pueblo, CO 81004

Medicare Provider Number: 060012

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,723	9.0	7.8	0.7	14.1	12.1	1.0	17.6	15.5	1.0
CONDITIONS:										
Acute Myocardial Infarction	73	21.9	24.4	6.2	24.7	27.4	5.7	24.7	30.8	7.1
Congestive Heart Failure	88	19.3	13.6	6.2	26.1	21.4	6.0	29.5	27.8	5.0
Pneumonia/Influenza	96	16.7	18.6	4.3	27.1	25.5	4.9	33.3	30.6	6.9
Chronic Obstructive Pulmonary Disease	27	11.1	7.1	*	14.8	12.1	*	18.5	16.5	*
Transient Cerebral Ischemia	54	0.0	1.6	4.0	7.4	3.7	4.2	7.4	6.0	3.5
Stroke	94	12.8	19.5	4.9	23.4	26.6	4.8	33.0	31.1	4.9
Hip Fracture	101	5.9	5.7	2.6	9.9	10.4	4.0	10.9	13.7	5.0
Sepsis	30	23.3	22.8	*	30.0	29.6	*	36.7	35.3	*
PROCEDURES:										
Angioplasty	28	0.0	3.4	*	0.0	4.3	*	3.6	5.3	*
Coronary Artery Bypass Graft	35	2.9	4.1	*	5.7	6.0	*	5.7	7.2	*
Initial Pacemaker Insertion	25	0.0	4.2	*	0.0	8.2	*	12.0	11.4	*
Carotid Endarterectomy	12	0.0	1.5	*	0.0	2.9	*	0.0	4.2	*
Hip Replacement/Reconstruction	91	1.1	2.7	2.3	1.1	5.2	3.4	3.3	7.0	3.8
Open Reduction of Hip Fracture	38	5.3	5.0	*	10.5	9.4	*	10.5	12.5	*
Prostatectomy	139	0.7	0.6	1.4	2.9	1.4	1.7	3.6	2.5	1.8
Cholecystectomy	83	7.2	3.1	3.1	10.8	5.9	4.2	13.3	8.2	5.2
Hysterectomy	26	0.0	0.5	*	0.0	1.1	*	0.0	1.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	314
Occupancy Rate	68
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	168
Percent of Physicians Board Certified Specialists	77
Medical Residents/Interns	17
Registered Nurses	273
Licensed Practical Nurses	44

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST MARY CORWIN HOSPITAL

Medicare Provider Number: 060012

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,296	10.0	8.3	0.9	15.1	12.8	1.3	18.0	16.4	1.0
CONDITIONS:										
Acute Myocardial Infarction	65	26.2	26.2	6.3	26.2	29.6	6.6	26.2	33.0	8.1
Congestive Heart Failure	84	17.9	14.1	7.1	26.2	21.9	8.0	32.1	28.5	6.3
Pneumonia/Influenza	82	18.3	21.5	6.7	25.6	28.5	5.5	35.4	33.7	5.4
Chronic Obstructive Pulmonary Disease	18	11.1	6.4	*	11.1	11.5	*	22.2	16.2	*
Transient Cerebral Ischemia	50	0.0	1.6	*	4.0	3.6	*	6.0	5.9	*
Stroke	78	25.6	19.7	6.5	35.9	27.2	7.7	41.0	32.1	8.6
Hip Fracture	86	3.5	6.9	4.0	11.6	12.8	4.6	11.6	16.7	6.0
Sepsis	21	19.0	24.1	*	23.8	32.5	*	38.1	38.8	*
PROCEDURES:										
Angioplasty	11	9.1	4.2	*	9.1	5.0	*	18.2	6.0	*
Coronary Artery Bypass Graft	25	12.0	5.0	*	16.0	7.3	*	16.0	8.8	*
Initial Pacemaker Insertion	18	0.0	6.0	*	0.0	10.1	*	11.1	13.9	*
Carotid Endarterectomy	8	0.0	1.2	*	0.0	2.1	*	0.0	3.1	*
Hip Replacement/Reconstruction	74	1.4	2.8	2.3	4.1	5.5	3.6	4.1	7.5	4.6
Open Reduction of Hip Fracture	31	3.2	6.6	*	16.1	12.9	*	16.1	17.2	*
Prostatectomy	87	0.0	0.7	1.1	1.1	1.7	1.5	2.3	2.8	1.9
Cholecystectomy	69	1.4	2.4	2.0	2.9	4.4	2.8	4.3	6.0	3.2
Hysterectomy	20	0.0	1.3	*	0.0	2.6	*	5.0	3.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,473	10.5	8.3	0.7	15.7	12.9	1.0	18.9	16.5	0.9
CONDITIONS:										
Acute Myocardial Infarction	69	21.7	25.2	7.2	26.1	28.2	6.5	30.4	31.4	5.7
Congestive Heart Failure	76	22.4	15.9	6.4	30.3	24.2	7.5	32.9	31.1	5.7
Pneumonia/Influenza	75	22.7	18.2	6.7	32.0	24.5	8.4	33.3	29.4	7.3
Chronic Obstructive Pulmonary Disease	42	4.8	9.7	*	11.9	15.7	*	14.3	20.4	*
Transient Cerebral Ischemia	53	3.8	1.7	2.2	3.8	3.6	5.5	13.2	5.7	6.4
Stroke	89	23.6	22.1	4.5	28.1	29.5	5.1	36.0	34.2	5.3
Hip Fracture	81	4.9	7.1	3.3	11.1	12.8	4.2	17.3	16.6	4.2
Sepsis	27	25.9	24.3	*	29.6	33.0	*	40.7	39.1	*
PROCEDURES:										
Angioplasty	19	10.5	6.0	*	10.5	7.2	*	10.5	8.6	*
Coronary Artery Bypass Graft	20	0.0	5.4	*	5.0	7.2	*	5.0	8.5	*
Initial Pacemaker Insertion	29	0.0	2.5	*	0.0	5.4	*	0.0	8.2	*
Carotid Endarterectomy	10	20.0	1.4	*	30.0	2.5	*	30.0	3.6	*
Hip Replacement/Reconstruction	69	0.0	2.5	3.0	0.0	4.6	4.6	1.4	6.1	4.5
Open Reduction of Hip Fracture	22	4.5	5.3	*	9.1	10.1	*	13.6	13.5	*
Prostatectomy	158	0.6	0.9	0.8	2.5	2.3	1.2	4.4	4.0	1.6
Cholecystectomy	76	2.6	3.0	2.0	6.6	5.5	2.8	7.9	7.3	3.0
Hysterectomy	18	0.0	0.6	*	5.6	1.2	*	5.6	1.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

133.1

Committed
To Our Credo:
I CARE
Innovation
Customer
Action
Respect
Excellence

January 10, 1991 Medicare Provider Number: 060012

Mrs. Sandra Kappert
Health Care Financing Administration
Health Care Standards and Quality Bureau
2-D-2 Meadows East Building
6325 Security Blvd.
Baltimore, Maryland 21207

RE: 1989 Medicare Hospital Mortality Data

Dear Mrs. Kappert:

St. Mary-Corwin Regional Medical Center appreciates the opportunity to provide comments on the Health Care Financing Administration's 1989 mortality data. We request that the appended comments be included with the Medicare Hospital Mortality Information scheduled for release to the public in the spring of 1991.

Thank you for your attention to this matter.

Sincerely,

Thomas D Bartley

Thomas D. Bartley, M.D.
Vice President, Medical Affairs

pc: Sally Duffy, S.C.,
Chief Operating Officer
William G. Turman, M.D.,
Interim President and Chief Executive Officer

Enclosure

ST. MARY-CORWIN
REGIONAL MEDICAL CENTER

1008 Minnequa Avenue
Pueblo, Colorado 81004-3798
719-560-4000

A member of the Sisters of Charity
Health Care Systems, Inc.

Committed
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Respect
Excellence

Medicare Provider Number: 060012

Comments regarding Fiscal Year 1989 Medicare Mortality Rates

There was a higher than expected death rate in our patients in the cholecystectomy category. We did a detailed study on these deaths and present the following data:

There were 16 deaths identified in the Medicare Data:

3 patients were acutely ill upon admission and died as a complication of the procedure.
6 patients died from carcinoma.
3 patients died from refusal of lifesaving post-operative treatment.
4 patients died from other causes unrelated to cholecystectomy.

The average age of these patients was 75 years.

Assuming that the 3 deaths as a complication of the cholecystectomy represent the true mortality rate, our mortality rates fall into an acceptable range for this procedure.

There was a higher than expected mortality rate in our patients from all causes. While we did not examine these charts, simply correcting this data with the corrected mortality rate for cholecystectomy will lower the observed mortality rate towards expected, though it still approaches the 80% confidence limits. Other factors unique to our institution, but not accounted for in the data are the facts that we are:

a regional cancer center;
a regional cardiac center;
a regional neurosurgical center;
a regional dialysis center.

Such medical activities will spuriously skew the mortality rates of any institution.

T. MARY-CORWIN
EGIONAL MEDICAL CENTER

08 Minnequa Avenue
ueblo, Colorado 81004-3798
9-560-4000

member of the Sisters of Charity
ealth Care Systems, Inc.

ST MARYS HOSPITAL MEDICAL CENTER

7th and Patterson Rd
Grand Junction, CO 81501

Medicare Provider Number: 060023

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,228	8.1	7.4	0.8	12.1	11.4	1.0	15.7	14.5	1.4
CONDITIONS:										
Acute Myocardial Infarction	97	17.5	21.9	5.5	18.6	25.3	6.6	20.6	28.5	7.7
Congestive Heart Failure	70	18.6	14.4	7.3	30.0	22.1	9.8	37.1	28.2	10.0
Pneumonia/Influenza	81	16.0	14.0	4.3	22.2	19.8	5.3	25.9	24.1	5.0
Chronic Obstructive Pulmonary Disease	37	5.4	5.4	*	10.8	10.5	*	16.2	15.0	*
Transient Cerebral Ischemia	34	0.0	1.6	*	0.0	3.6	*	2.9	5.5	*
Stroke	72	15.3	19.8	7.7	25.0	26.3	6.1	26.4	30.7	6.5
Hip Fracture	63	7.9	4.1	5.1	12.7	8.0	8.1	15.9	11.0	8.1
Sepsis	38	18.4	24.6	*	21.1	31.5	*	23.7	37.9	*
PROCEDURES:										
Angioplasty	6	0.0	3.8	*	0.0	4.5	*	0.0	5.4	*
Coronary Artery Bypass Graft	29	3.4	4.3	*	3.4	6.4	*	3.4	7.7	*
Initial Pacemaker Insertion	12	0.0	2.5	*	0.0	4.6	*	8.3	6.5	*
Carotid Endarterectomy	17	5.9	1.3	*	5.9	2.3	*	11.8	3.4	*
Hip Replacement/Reconstruction	73	1.4	1.5	1.8	4.1	3.1	3.1	4.1	4.7	2.6
Open Reduction of Hip Fracture	39	7.7	3.8	*	12.8	7.6	*	17.9	10.6	*
Prostatectomy	89	0.0	1.0	1.5	1.1	2.0	1.9	3.4	3.2	2.1
Cholecystectomy	60	5.0	3.5	3.3	10.0	6.7	5.0	11.7	8.8	6.1
Hysterectomy	20	5.0	0.5	*	5.0	1.0	*	5.0	1.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	197
Occupancy Rate	67
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	201
Percent of Physicians Board Certified Specialists	73
Medical Residents/Interns	12
Registered Nurses	237
Licensed Practical Nurses	26

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

ST MARYS HOSPITAL MEDICAL CENTER

Medicare Provider Number: 060023

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,112	8.0	7.3	1.1	12.5	11.1	1.5	15.2	14.2	1.4
CONDITIONS:										
Acute Myocardial Infarction	72	26.4	23.2	5.2	31.9	26.5	5.9	33.3	29.7	5.6
Congestive Heart Failure	62	8.1	16.2	7.3	17.7	25.0	8.5	22.6	32.1	8.3
Pneumonia/Influenza	86	17.4	15.4	6.9	23.3	21.6	5.4	27.9	26.4	5.0
Chronic Obstructive Pulmonary Disease	32	3.1	5.7	*	6.3	10.0	*	6.3	13.8	*
Transient Cerebral Ischemia	35	0.0	1.5	*	0.0	3.2	*	0.0	5.0	*
Stroke	85	22.4	20.8	4.9	27.1	26.9	4.9	29.4	31.5	5.7
Hip Fracture	73	4.1	4.4	2.6	5.5	8.4	3.9	9.6	11.2	3.9
Sepsis	19	5.3	20.9	*	21.1	29.9	*	21.1	36.9	*
PROCEDURES:										
Angioplasty	1	0.0	0.3	*	0.0	0.6	*	0.0	1.1	*
Coronary Artery Bypass Graft	6	0.0	4.0	*	0.0	5.7	*	0.0	6.7	*
Initial Pacemaker Insertion	9	22.2	9.9	*	33.3	12.8	*	33.3	15.5	*
Carotid Endarterectomy	11	0.0	1.0	*	0.0	1.8	*	0.0	2.6	*
Hip Replacement/Reconstruction	87	1.1	1.6	1.4	2.3	3.0	2.7	2.3	4.0	3.2
Open Reduction of Hip Fracture	43	4.7	3.9	*	7.0	7.9	*	14.0	10.8	*
Prostatectomy	94	1.1	0.6	1.2	1.1	1.5	1.7	1.1	2.5	2.5
Cholecystectomy	60	3.3	1.6	2.5	5.0	3.0	3.3	5.0	4.2	3.6
Hysterectomy	18	5.6	0.8	*	5.6	1.7	*	5.6	2.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,883	8.1	7.5	0.7	11.9	11.3	0.8	16.0	14.5	1.1
CONDITIONS:										
Acute Myocardial Infarction	77	24.7	23.6	4.9	26.0	26.7	5.2	31.2	29.9	5.7
Congestive Heart Failure	69	10.1	13.4	5.9	20.3	20.5	5.3	29.0	26.5	6.7
Pneumonia/Influenza	77	7.8	12.5	4.3	14.3	17.4	4.8	24.7	21.4	5.4
Chronic Obstructive Pulmonary Disease	28	7.1	8.0	*	10.7	13.1	*	17.9	17.2	*
Transient Cerebral Ischemia	36	5.6	1.7	*	8.3	3.6	*	8.3	5.6	*
Stroke	64	20.3	21.0	5.5	26.6	27.4	5.8	28.1	31.9	8.0
Hip Fracture	44	2.3	4.1	*	9.1	8.0	*	13.6	10.9	*
Sepsis	22	36.4	23.9	*	36.4	31.3	*	45.5	37.5	*
PROCEDURES:										
Angioplasty	1	0.0	3.7	*	0.0	6.9	*	0.0	8.7	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	24	0.0	1.8	*	0.0	4.0	*	4.2	6.1	*
Carotid Endarterectomy	19	0.0	1.7	*	0.0	3.5	*	0.0	5.2	*
Hip Replacement/Reconstruction	49	2.0	1.4	*	4.1	2.9	*	4.1	4.2	*
Open Reduction of Hip Fracture	24	0.0	4.1	*	8.3	8.3	*	16.7	11.5	*
Prostatectomy	95	1.1	0.5	0.9	1.1	1.4	1.2	2.1	2.4	1.6
Cholecystectomy	65	3.1	2.0	2.1	6.2	3.5	3.1	10.8	4.5	4.6
Hysterectomy	25	0.0	0.7	*	0.0	1.5	*	0.0	2.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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ST. MARY'S HOSPITAL
The Regional Medical Center

January 14, 1991 060023

Health Care Finance Administration
Health Standards and Quality Bureau
2-D-2 Meadows East Building
6325 Security Blvd.
Baltimore, Md 21207

Attention: Mrs. Sandra Kappert

Dear Mrs. Kappert:

We would like to request a change to our hospital's characteristics for the Medicare Mortality Rates publication. Under Specialty Services we are rated as not having a burn unit or other intensive care unit. We have been designated as having a regional burn unit after being especially trained and equipped with the assistance of the Shriners. Also, our Perinatal Center encompasses a Level II Neonatal Intensive Care unit.

We would appreciate your changing our Hospital Characteristics to read:

Burn Unit............Yes
Other Intensive Care....Yes

Thank you for allowing us the opportunity to ensure accurate information being published.

Sincerely,

Sister Lynn Casey

Sister Lynn Casey
President
St. Mary's Hospital & Medical Center

SLC/rs

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ST THOMAS MORE/ST JOSEPH HOSPITAL

1019 Sheridan
Canon City, CO 81212

Medicare Provider Number: 060016

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	778	10.8	9.1	1.7	16.6	13.6	1.9	19.5	17.2	1.8
CONDITIONS:										
Acute Myocardial Infarction	31	29.0	28.0	*	29.0	31.1	*	32.3	34.5	*
Congestive Heart Failure	35	28.6	14.5	*	37.1	22.2	*	37.1	28.6	*
Pneumonia/Influenza	39	15.4	15.5	*	28.2	21.0	*	33.3	25.4	*
Chronic Obstructive Pulmonary Disease	16	0.0	9.9	*	0.0	15.5	*	6.3	20.4	*
Transient Cerebral Ischemia	9	0.0	1.6	*	0.0	3.7	*	0.0	6.0	*
Stroke	25	32.0	15.3	*	40.0	21.8	*	44.0	25.9	*
Hip Fracture	32	6.3	6.7	*	21.9	12.4	*	25.0	16.3	*
Sepsis	13	0.0	28.7	*	15.4	36.5	*	23.1	43.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	1	0.0	2.3	*	0.0	4.1	*	0.0	5.8	*
Hip Replacement/Reconstruction	13	0.0	5.1	*	7.7	9.8	*	15.4	13.1	*
Open Reduction of Hip Fracture	11	18.2	6.6	*	36.4	12.5	*	36.4	16.3	*
Prostatectomy	30	0.0	0.7	*	3.3	1.7	*	6.7	3.0	*
Cholecystectomy	16	12.5	2.5	*	12.5	3.9	*	12.5	5.0	*
Hysterectomy	5	0.0	1.0	*	0.0	2.6	*	0.0	4.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds	197
Occupancy Rate	65
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	25
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	35
Licensed Practical Nurses	30

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST THOMAS MORE/ST JOSEPH HOSPITAL

Medicare Provider Number: 060016

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	729	9.9	9.1	1.2	14.1	13.5	1.4	16.5	17.1	1.5
CONDITIONS:										
Acute Myocardial Infarction	28	21.4	25.0	*	21.4	28.0	*	21.4	31.5	*
Congestive Heart Failure	42	11.9	16.4	*	19.0	24.8	*	31.0	31.8	*
Pneumonia/Influenza	39	23.1	17.5	*	25.6	23.5	*	28.2	28.1	*
Chronic Obstructive Pulmonary Disease	12	16.7	8.5	*	25.0	13.9	*	25.0	18.8	*
Transient Cerebral Ischemia	12	0.0	1.8	*	16.7	3.9	*	16.7	6.2	*
Stroke	30	33.3	19.9	*	36.7	26.3	*	40.0	30.6	*
Hip Fracture	32	9.4	4.8	*	9.4	9.2	*	9.4	12.3	*
Sepsis	7	0.0	29.3	*	0.0	36.1	*	0.0	42.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	2	0.0	1.3	*	0.0	2.3	*	0.0	3.4	*
Hip Replacement/Reconstruction	23	4.3	2.8	*	4.3	5.6	*	4.3	7.7	*
Open Reduction of Hip Fracture	10	10.0	4.7	*	10.0	9.1	*	10.0	12.2	*
Prostatectomy	27	0.0	0.9	*	0.0	2.2	*	0.0	3.9	*
Cholecystectomy	18	5.6	2.7	*	5.6	5.0	*	5.6	6.7	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	661	8.8	9.5	1.6	13.2	14.1	2.0	16.2	17.9	2.6
CONDITIONS:										
Acute Myocardial Infarction	24	29.2	34.0	*	29.2	37.5	*	33.3	41.2	*
Congestive Heart Failure	25	16.0	16.5	*	16.0	24.4	*	16.0	31.0	*
Pneumonia/Influenza	38	21.1	17.5	*	31.6	24.1	*	36.8	29.2	*
Chronic Obstructive Pulmonary Disease	24	12.5	12.6	*	25.0	20.1	*	29.2	26.1	*
Transient Cerebral Ischemia	8	0.0	2.2	*	0.0	4.7	*	0.0	7.5	*
Stroke	15	20.0	23.8	*	26.7	31.4	*	33.3	36.4	*
Hip Fracture	25	4.0	7.6	*	4.0	13.5	*	8.0	17.3	*
Sepsis	18	27.8	23.5	*	38.9	30.1	*	44.4	35.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	4	0.0	2.0	*	0.0	3.7	*	0.0	5.4	*
Hip Replacement/Reconstruction	11	0.0	2.7	*	0.0	5.4	*	0.0	7.5	*
Open Reduction of Hip Fracture	8	0.0	9.6	*	0.0	16.4	*	12.5	20.4	*
Prostatectomy	36	0.0	0.9	*	2.8	2.4	*	2.8	4.2	*
Cholecystectomy	19	5.3	4.8	*	10.5	7.9	*	15.8	10.0	*
Hysterectomy	7	0.0	0.7	*	0.0	1.4	*	0.0	2.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST VINCENT GENERAL HOSPITAL

West 4th and Washington
Leadville, CO 80461

Medicare Provider Number: 060029

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	111	4.5	8.7	3.5	5.4	13.6	4.5	7.2	17.7	5.3
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	28.1	*	0.0	30.2	*	0.0	33.0	*
Congestive Heart Failure	16	0.0	13.7	*	0.0	22.5	*	6.3	29.8	*
Pneumonia/Influenza	10	10.0	14.8	*	20.0	20.5	*	20.0	25.5	*
Chronic Obstructive Pulmonary Disease	3	0.0	4.0	*	0.0	7.6	*	33.3	11.0	*
Transient Cerebral Ischemia	2	0.0	2.8	*	0.0	6.2	*	0.0	10.0	*
Stroke	2	0.0	12.7	*	0.0	16.9	*	0.0	20.8	*
Hip Fracture	0									
Sepsis	3	0.0	16.9	*	0.0	21.9	*	0.0	26.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	2.3	*	0.0	4.9	*	0.0	7.3	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	24
Occupancy Rate	52
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	6
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	16
Licensed Practical Nurses	2

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST VINCENT GENERAL HOSPITAL

Medicare Provider Number: 060029

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	121	4.1	9.5	3.9	10.7	14.2	4.0	11.6	18.4	5.1
CONDITIONS:										
Acute Myocardial Infarction	3	0.0	25.9	*	0.0	29.4	*	0.0	32.5	*
Congestive Heart Failure	16	0.0	10.2	*	6.3	16.8	*	6.3	22.6	*
Pneumonia/Influenza	12	0.0	13.1	*	8.3	17.9	*	8.3	21.9	*
Chronic Obstructive Pulmonary Disease	1	0.0	6.1	*	0.0	15.4	*	0.0	24.9	*
Transient Cerebral Ischemia	0									
Stroke	3	66.7	17.3	*	66.7	23.1	*	66.7	27.7	*
Hip Fracture	0									
Sepsis	4	0.0	29.4	*	0.0	34.0	*	0.0	39.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	1.1	*	0.0	1.9	*	0.0	2.6	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	105	1.9	7.8	3.2	2.9	12.1	4.1	4.8	15.8	4.7
CONDITIONS:										
Acute Myocardial Infarction	2	100.0	22.6	*	100.0	24.7	*	100.0	27.4	*
Congestive Heart Failure	13	0.0	13.2	*	0.0	21.6	*	7.7	28.7	*
Pneumonia/Influenza	8	0.0	12.6	*	0.0	16.8	*	0.0	20.8	*
Chronic Obstructive Pulmonary Disease	1	0.0	10.3	*	0.0	17.7	*	0.0	22.7	*
Transient Cerebral Ischemia	0									
Stroke	2	0.0	13.2	*	0.0	17.4	*	0.0	21.0	*
Hip Fracture	0									
Sepsis	2	0.0	19.1	*	0.0	26.4	*	0.0	32.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

STERLING REGIONAL MEDICAL CENTER

615 Fairhurst St
Sterling, CO 80751

Medicare Provider Number: 060076

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	471	9.6	7.5	1.9	12.7	11.5	2.0	15.9	14.9	1.8
CONDITIONS:										
Acute Myocardial Infarction	17	41.2	24.5	*	41.2	28.2	*	41.2	31.5	*
Congestive Heart Failure	22	13.6	12.1	*	22.7	19.3	*	27.3	25.5	*
Pneumonia/Influenza	16	18.8	13.4	*	25.0	18.9	*	31.3	23.1	*
Chronic Obstructive Pulmonary Disease	12	16.7	7.5	*	25.0	12.7	*	25.0	16.8	*
Transient Cerebral Ischemia	6	0.0	1.3	*	0.0	2.7	*	16.7	4.2	*
Stroke	14	14.3	20.1	*	28.6	26.4	*	28.6	30.9	*
Hip Fracture	20	5.0	4.6	*	10.0	8.8	*	10.0	11.7	*
Sepsis	4	50.0	32.5	*	50.0	41.2	*	50.0	48.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	3.5	*	0.0	8.3	*	20.0	13.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	12	8.3	1.9	*	8.3	3.8	*	8.3	5.4	*
Open Reduction of Hip Fracture	12	0.0	4.5	*	0.0	8.7	*	0.0	11.8	*
Prostatectomy	4	0.0	0.9	*	0.0	2.3	*	0.0	3.9	*
Cholecystectomy	14	7.1	1.9	*	7.1	3.4	*	7.1	4.5	*
Hysterectomy	13	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	36
Occupancy Rate	47
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	26
Percent of Physicians Board Certified Specialists	77
Medical Residents/Interns	0
Registered Nurses	40
Licensed Practical Nurses	16

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

STERLING REGIONAL MEDICAL CENTER

Medicare Provider Number: 060076

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	473	10.6	7.8	1.6	14.2	11.9	1.7	18.0	15.2	1.8
CONDITIONS:										
Acute Myocardial Infarction	15	20.0	24.8	*	26.7	27.4	*	26.7	30.3	*
Congestive Heart Failure	21	23.8	14.9	*	23.8	23.4	*	33.3	30.5	*
Pneumonia/Influenza	17	11.8	12.5	*	23.5	17.2	*	29.4	21.2	*
Chronic Obstructive Pulmonary Disease	11	9.1	6.2	*	9.1	12.4	*	36.4	18.0	*
Transient Cerebral Ischemia	4	0.0	1.8	*	0.0	3.6	*	0.0	5.5	*
Stroke	15	40.0	26.1	*	46.7	33.1	*	60.0	37.8	*
Hip Fracture	21	9.5	4.8	*	14.3	9.2	*	23.8	12.4	*
Sepsis	7	14.3	36.7	*	28.6	44.5	*	28.6	51.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	2.2	*	0.0	4.4	*	0.0	6.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	16	6.3	1.8	*	6.3	3.5	*	6.3	4.8	*
Open Reduction of Hip Fracture	10	0.0	5.6	*	10.0	11.3	*	30.0	15.5	*
Prostatectomy	31	3.2	0.8	*	3.2	1.9	*	6.5	3.3	*
Cholecystectomy	27	3.7	4.2	*	3.7	7.4	*	3.7	9.4	*
Hysterectomy	4	0.0	0.3	*	0.0	0.5	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	437	12.1	8.1	1.8	16.5	12.1	2.1	20.8	15.3	2.4
CONDITIONS:										
Acute Myocardial Infarction	14	42.9	24.2	*	42.9	27.2	*	42.9	30.2	*
Congestive Heart Failure	16	18.8	16.2	*	25.0	24.4	*	31.3	31.3	*
Pneumonia/Influenza	20	30.0	18.1	*	35.0	24.1	*	35.0	28.6	*
Chronic Obstructive Pulmonary Disease	11	27.3	7.7	*	27.3	12.4	*	45.5	16.1	*
Transient Cerebral Ischemia	3	0.0	1.6	*	0.0	3.4	*	0.0	5.4	*
Stroke	22	18.2	19.7	*	31.8	26.1	*	36.4	30.7	*
Hip Fracture	12	16.7	5.8	*	25.0	11.2	*	33.3	15.1	*
Sepsis	4	25.0	32.1	*	25.0	36.6	*	25.0	41.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	10	0.0	1.2	*	10.0	2.5	*	20.0	3.6	*
Open Reduction of Hip Fracture	8	25.0	5.2	*	25.0	10.3	*	25.0	13.9	*
Prostatectomy	33	6.1	0.5	*	6.1	1.2	*	9.1	2.1	*
Cholecystectomy	13	0.0	0.9	*	0.0	1.5	*	0.0	2.1	*
Hysterectomy	3	0.0	0.4	*	0.0	0.6	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

SWEDISH MEDICAL CENTER

501 E Hampden Ave
Englewood, CO 80110

Medicare Provider Number: 060034

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,949	6.9	5.5	0.7	10.7	8.7	0.9	13.5	11.3	1.1
CONDITIONS:										
Acute Myocardial Infarction	59	32.2	23.8	9.1	32.2	26.8	8.4	33.9	30.0	7.1
Congestive Heart Failure	46	2.2	11.3	*	8.7	18.6	*	19.6	24.8	*
Pneumonia/Influenza	66	9.1	11.1	4.3	16.7	16.2	4.7	24.2	20.1	7.4
Chronic Obstructive Pulmonary Disease	23	4.3	3.4	*	13.0	6.3	*	21.7	9.1	*
Transient Cerebral Ischemia	18	5.6	1.4	*	5.6	3.0	*	5.6	4.6	*
Stroke	55	21.8	17.5	9.2	30.9	23.9	8.1	30.9	28.3	7.1
Hip Fracture	79	2.5	3.3	2.2	5.1	6.4	2.8	10.1	8.7	3.6
Sepsis	2	50.0	21.9	*	50.0	34.0	*	50.0	44.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	0.0	1.6	*	0.0	3.7	*	0.0	5.9	*
Carotid Endarterectomy	7	0.0	1.2	*	0.0	2.1	*	0.0	3.0	*
Hip Replacement/Reconstruction	63	3.2	1.9	1.9	7.9	3.8	3.2	14.3	5.4	4.3
Open Reduction of Hip Fracture	31	3.2	2.7	*	3.2	5.5	*	6.5	7.6	*
Prostatectomy	69	0.0	0.6	1.5	2.9	1.4	2.3	4.3	2.4	3.9
Cholecystectomy	32	6.3	2.2	*	9.4	4.1	*	9.4	5.5	*
Hysterectomy	29	0.0	0.3	*	0.0	0.6	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	279
Occupancy Rate	68
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	506
Percent of Physicians Board Certified Specialists	84
Medical Residents/Interns	4
Registered Nurses	415
Licensed Practical Nurses	12

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

SWEDISH MEDICAL CENTER

Medicare Provider Number: 060034

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	1,947	8.1	5.5	0.6	11.8	8.6	0.7	14.6	11.3	0.8
CONDITIONS:										
Acute Myocardial Infarction	59	35.6	22.1	7.2	37.3	25.1	7.1	37.3	28.3	6.6
Congestive Heart Failure	62	25.8	14.4	7.3	38.7	22.5	8.6	45.2	29.3	8.8
Pneumonia/Influenza	62	4.8	10.9	5.3	9.7	15.6	6.5	12.9	19.4	6.5
Chronic Obstructive Pulmonary Disease	43	18.6	4.6	*	30.2	8.6	*	37.2	12.2	*
Transient Cerebral Ischemia	16	6.3	1.7	*	6.3	3.8	*	12.5	6.0	*
Stroke	61	16.4	17.4	4.9	24.6	23.6	6.8	29.5	28.3	7.6
Hip Fracture	82	4.9	3.1	2.5	8.5	6.2	5.1	13.4	8.6	7.3
Sepsis	12	33.3	19.3	*	33.3	25.3	*	33.3	30.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	1.6	*	0.0	3.1	*	0.0	4.6	*
Carotid Endarterectomy	7	0.0	1.3	*	0.0	2.4	*	0.0	3.5	*
Hip Replacement/Reconstruction	62	0.0	1.3	2.3	4.8	2.6	2.7	6.5	3.6	3.8
Open Reduction of Hip Fracture	29	3.4	2.4	*	10.3	5.0	*	10.3	7.1	*
Prostatectomy	69	1.4	0.8	1.6	1.4	1.8	2.1	1.4	2.9	3.0
Cholecystectomy	38	0.0	1.6	*	2.6	2.9	*	2.6	3.9	*
Hysterectomy	27	0.0	0.6	*	0.0	1.3	*	0.0	2.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	1,995	7.2	5.4	0.7	10.6	8.4	0.9	13.0	11.0	0.9
CONDITIONS:										
Acute Myocardial Infarction	44	31.8	23.4	*	34.1	26.7	*	38.6	30.0	*
Congestive Heart Failure	49	20.4	13.0	*	26.5	20.7	*	28.6	27.1	*
Pneumonia/Influenza	78	19.2	13.8	9.0	24.4	19.3	10.3	30.8	23.6	10.2
Chronic Obstructive Pulmonary Disease	46	23.9	7.4	*	28.3	12.9	*	32.6	17.3	*
Transient Cerebral Ischemia	41	2.4	1.6	*	4.9	3.4	*	4.9	5.4	*
Stroke	73	27.4	19.8	8.4	37.0	26.6	7.9	37.0	31.2	9.2
Hip Fracture	70	7.1	3.6	3.9	11.4	7.0	4.4	11.4	9.5	4.7
Sepsis	4	25.0	12.6	*	50.0	17.6	*	50.0	21.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	1.9	*	0.0	4.1	*	0.0	6.3	*
Carotid Endarterectomy	[illegible]	0.0	1.2	*	0.0	2.2	*	0.0	3.2	*
Hip Replacement/Reconstruction	62	0.0	2.4	*	1.6	4.7	*	1.6	6.5	*
Open Reduction of Hip Fracture	14	0.0	2.6	*	0.0	5.3	*	0.0	7.4	*
Prostatectomy	85	1.2	0.6	1.3	1.2	1.5	2.0	1.2	2.6	3.1
Cholecystectomy	36	5.6	1.6	*	5.6	2.7	*	5.6	3.5	*
Hysterectomy	40	0.0	0.6	*	0.0	1.3	*	2.5	2.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

UNION PRINTERS HOME AND HOSPITAL

Union Blvd at Pikes Peak Ave
Colorado Springs, CO 80901

Medicare Provider Number: 060083

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	1	100.0	9.8	*	100.0	14.9	*	100.0	20.0	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	1	100.0	9.8	*	100.0	14.9	*	100.0	20.0	*
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1988

Total Beds	6
Ownership/Control	Private, Non-Profit
STAFFING:	
Medical Residents/Interns	0
Registered Nurses	4
Licensed Practical Nurses	0

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	No
Hospice	No
Intensive Care Unit	No
Organ Transplant	No
Rehabilitation	No
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

UNION PRINTERS HOME AND HOSPITAL

Medicare Provider Number: 060083

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	7	14.3	6.5	*	14.3	9.5	*	14.3	11.7	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	1	100.0	6.1	*	100.0	10.9	*	100.0	15.5	*
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	7	42.9	17.2	*	42.9	23.5	*	42.9	28.6	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	5	40.0	19.0	*	40.0	25.8	*	40.0	30.7	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

UNIVERSITY HOSPITAL

4200 E 9th Ave
Denver, CO 80262

Medicare Provider Number: 060024

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,091	8.5	8.2	0.9	13.8	13.2	1.4	17.1	17.1	1.4
CONDITIONS:										
Acute Myocardial Infarction	34	17.6	19.0	*	29.4	22.4	*	32.4	25.8	*
Congestive Heart Failure	21	9.5	12.2	*	9.5	19.7	*	19.0	25.9	*
Pneumonia/Influenza	25	8.0	13.6	*	16.0	18.6	*	20.0	22.7	*
Chronic Obstructive Pulmonary Disease	12	25.0	6.8	*	25.0	11.4	*	33.3	15.4	*
Transient Cerebral Ischemia	7	14.3	2.1	*	14.3	5.1	*	14.3	8.4	*
Stroke	23	13.0	17.5	*	13.0	23.1	*	13.0	27.2	*
Hip Fracture	12	0.0	5.6	*	8.3	10.4	*	16.7	13.9	*
Sepsis	3	0.0	14.1	*	0.0	20.5	*	0.0	25.0	*
PROCEDURES:										
Angioplasty	4	0.0	1.9	*	0.0	2.5	*	0.0	3.3	*
Coronary Artery Bypass Graft	12	16.7	6.7	*	16.7	10.2	*	16.7	12.2	*
Initial Pacemaker Insertion	6	0.0	1.7	*	0.0	3.8	*	0.0	5.8	*
Carotid Endarterectomy	2	0.0	2.4	*	0.0	4.8	*	0.0	6.9	*
Hip Replacement/Reconstruction	30	0.0	1.5	*	0.0	2.8	*	0.0	4.0	*
Open Reduction of Hip Fracture	3	0.0	4.0	*	0.0	7.9	*	0.0	10.6	*
Prostatectomy	26	0.0	0.7	*	0.0	1.6	*	3.8	2.7	*
Cholecystectomy	14	7.1	8.3	*	7.1	12.9	*	14.3	16.1	*
Hysterectomy	6	0.0	0.9	*	0.0	1.9	*	0.0	2.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1988

Total Beds	450
Ownership/Control	State Government
STAFFING:	
Medical Residents/Interns	151
Registered Nurses	467
Licensed Practical Nurses	6

SPECIALTY SERVICES:

Burn Unit	Yes
Coronary Care Unit	Yes
Hospice	No
Intensive Care Unit	Yes
Organ Transplant	Yes
Rehabilitation	Yes
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

UNIVERSITY HOSPITAL

Medicare Provider Number: 060024

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,128	8.3	8.4	1.0	13.0	13.0	1.2	16.0	16.7	1.3
CONDITIONS:										
Acute Myocardial Infarction	32	28.1	26.5	*	28.1	29.7	*	28.1	33.2	*
Congestive Heart Failure	35	8.6	14.4	*	14.3	22.2	*	28.6	28.7	*
Pneumonia/Influenza	25	8.0	14.5	*	20.0	19.7	*	20.0	23.8	*
Chronic Obstructive Pulmonary Disease	17	17.6	9.2	*	17.6	14.8	*	23.5	19.7	*
Transient Cerebral Ischemia	7	14.3	1.3	*	14.3	2.9	*	14.3	4.5	*
Stroke	26	30.8	23.4	*	30.8	28.7	*	30.8	32.7	*
Hip Fracture	10	0.0	5.7	*	0.0	10.9	*	10.0	14.7	*
Sepsis	4	50.0	30.3	*	75.0	44.3	*	75.0	53.5	*
PROCEDURE:										
Angioplasty	7	0.0	7.6	*	0.0	8.6	*	0.0	10.0	*
Coronary Artery Bypass Graft	10	0.0	6.6	*	0.0	8.4	*	0.0	9.7	*
Initial Pacemaker Insertion	2	0.0	3.1	*	0.0	5.6	*	0.0	8.3	*
Carotid Endarterectomy	4	0.0	1.3	*	0.0	2.2	*	0.0	3.2	*
Hip Replacement/Reconstruction	25	0.0	1.4	*	0.0	2.5	*	0.0	3.4	*
Open Reduction of Hip Fracture	4	0.0	5.4	*	0.0	11.1	*	25.0	15.6	*
Prostatectomy	29	0.0	1.3	*	0.0	3.1	*	0.0	5.0	*
Cholecystectomy	12	8.3	10.5	*	8.3	16.4	*	8.3	20.8	*
Hysterectomy	8	0.0	1.7	*	0.0	3.4	*	0.0	4.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,147	10.4	8.6	1.1	15.5	13.4	1.4	20.1	17.2	1.7
CONDITIONS:										
Acute Myocardial Infarction	30	33.3	29.0	*	36.7	33.1	*	43.3	37.0	*
Congestive Heart Failure	30	10.0	14.9	*	20.0	22.9	*	23.3	29.5	*
Pneumonia/Influenza	31	25.8	14.7	*	25.8	20.1	*	29.0	24.3	*
Chronic Obstructive Pulmonary Disease	27	25.9	9.2	*	37.0	15.1	*	37.0	19.9	*
Transient Cerebral Ischemia	10	0.0	2.3	*	0.0	5.1	*	0.0	7.9	*
Stroke	19	26.3	23.2	*	36.8	28.8	*	47.4	32.9	*
Hip Fracture	10	0.0	8.5	*	0.0	15.5	*	20.0	20.2	*
Sepsis	8	25.0	18.9	*	37.5	26.0	*	37.5	31.2	*
PROCEDURES:										
Angioplasty	2	0.0	3.3	*	0.0	4.3	*	0.0	5.7	*
Coronary Artery Bypass Graft	19	15.8	6.2	*	26.3	8.5	*	31.6	9.8	*
Initial Pacemaker Insertion	1	0.0	2.0	*	0.0	3.8	*	0.0	5.6	*
Carotid Endarterectomy	4	0.0	1.9	*	0.0	3.6	*	0.0	5.2	*
Hip Replacement/Reconstruction	27	7.4	2.1	*	7.4	3.9	*	7.4	5.2	*
Open Reduction of Hip Fracture	4	0.0	5.6	*	0.0	9.9	*	25.0	12.6	*
Prostatectomy	17	0.0	1.3	*	0.0	3.1	*	0.0	5.2	*
Cholecystectomy	13	0.0	5.3	*	15.4	10.3	*	23.1	13.6	*
Hysterectomy	10	0.0	0.8	*	0.0	1.6	*	0.0	2.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

147.1

UNIVERSITY HOSPITAL
Tomorrow's Care Today

4200 East Ninth Avenue
Denver, Colorado 80262

Medicare Provider #060024

January 15, 1991

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs Kappert:

University Hospital has reviewed the mortality statistics which HCFA plans to publish. We reviewed our medical records and found the following changes need to be made for the HCFA Mortality Report data to be accurate.

1. Coronary Artery Bypass Graft (P2)

A. [redacted]

We submitted the principal procedure code as 39.61 not 36.14.

B. [redacted]

We submitted the principal procedure code as 39.61 not 36.14.

C. This category should only reflect 10 cases.

2. Chronic Obstructive Pulmonary Disease (C4)

A. [redacted]

This patient was discharged to home and then subsequently admitted to a Nursing Home where the patient expired.

B. [redacted]

The date of death for this patient is 7-11-89 not 7-31-89 which is identified in your report.

C. [redacted]

This patient transferred to Fitzsimons Army Medical Center where the patient expired.

Page Two
January 15, 1991
Mortality Statistics

D. [redacted]

This patient is a Verteran Administration patient and does not have Medicare.

E. Statistics should reflect 9 in-hospital deaths

Additional hospital characteristics should be corrected to read as follows:

Total number of physicians	450
Percent of physicians who are Board Certified Specialists	86
Speciality Services	
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No

Because we are the primary University of Colorado teaching hospital, we serve as a tertiary care referral center for Colorado and the surrounding states for severely ill patients. The great majority of patients are referred to us because of the complexity of the clinical situation involved. We have a large referral pattern in many clinical areas of patients with advanced disease. These circumstances lead to the potential for our hospital having an above-average mortality rate.

We respectfully request that HCFA respond to the above information in order to ensure a fair and accurate report.

Sincerely,

Dennis Brimhall

Dennis Brimhall,
President
University Hospital

MEMOS
Ltr
(HCFA11590)-1-2

VAIL VALLEY MEDICAL CENTER

P O Box 36
Vail, CO 81657

Medicare Provider Number: 060096

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	70	5.7	9.3	5.7	10.0	13.8	6.1	12.9	17.1	5.2
CONDITIONS:										
Acute Myocardial Infarction	6	0.0	17.2	*	0.0	20.3	*	0.0	23.4	*
Congestive Heart Failure	5	0.0	13.6	*	0.0	21.1	*	20.0	27.9	*
Pneumonia/Influenza	2	0.0	12.8	*	0.0	17.4	*	0.0	21.5	*
Chronic Obstructive Pulmonary Disease	4	0.0	17.2	*	0.0	26.5	*	25.0	32.4	*
Transient Cerebral Ischemia	2	50.0	1.9	*	50.0	4.2	*	50.0	6.7	*
Stroke	2	50.0	28.6	*	50.0	36.4	*	50.0	42.0	*
Hip Fracture	5	0.0	4.3	*	0.0	7.3	*	0.0	9.4	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	3	0.0	4.6	*	0.0	7.7	*	0.0	9.8	*
Prostatectomy	0									
Cholecystectomy	1	0.0	0.7	*	0.0	1.2	*	0.0	1.7	*
Hysterectomy	3	0.0	0.4	*	0.0	0.6	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	30
Occupancy Rate	47
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	30
Percent of Physicians Board Certified Specialists	90
Medical Residents/Interns	0
Registered Nurses	57
Licensed Practical Nurses	1

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

VAIL VALLEY MEDICAL CENTER

Medicare Provider Number: 060096

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	55	5.5	6.6	4.2	7.3	10.1	5.1	7.3	12.9	6.4
CONDITIONS:										
Acute Myocardial Infarction	3	0.0	21.9	*	0.0	24.1	*	0.0	26.8	*
Congestive Heart Failure	1	100.0	27.8	*	100.0	42.1	*	100.0	51.8	*
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	3	0.0	19.8	*	0.0	29.9	*	0.0	36.2	*
Transient Cerebral Ischemia	0									
Stroke	1	0.0	18.3	*	0.0	24.1	*	0.0	28.8	*
Hip Fracture	4	0.0	5.5	*	0.0	10.6	*	0.0	14.0	*
Sepsis	1	0.0	36.0	*	0.0	47.0	*	0.0	54.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	3	0.0	4.6	*	0.0	9.6	*	0.0	13.6	*
Prostatectomy	0									
Cholecystectomy	1	100.0	1.8	*	100.0	2.6	*	100.0	3.3	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	47	8.5	11.1	*	8.5	15.6	*	12.8	19.1	*
CONDITIONS:										
Acute Myocardial Infarction	4	50.0	35.3	*	50.0	43.3	*	50.0	47.8	*
Congestive Heart Failure	3	0.0	20.4	*	0.0	30.4	*	0.0	38.1	*
Pneumonia/Influenza	1	0.0	13.9	*	0.0	18.1	*	0.0	22.4	*
Chronic Obstructive Pulmonary Disease	1	0.0	40.1	*	0.0	55.1	*	100.0	64.3	*
Transient Cerebral Ischemia	1	0.0	1.4	*	0.0	2.8	*	0.0	4.4	*
Stroke	0									
Hip Fracture	3	0.0	4.3	*	0.0	7.9	*	0.0	10.5	*
Sepsis	2	0.0	27.8	*	0.0	34.5	*	0.0	40.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	3	0.0	3.6	*	0.0	7.2	*	0.0	9.7	*
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

VALLEY VIEW HOSPITAL

1906 Blake Ave
Glenwood Springs, CO 81601

Medicare Provider Number: 060075

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	474	9.9	7.8	2.3	13.7	12.0	2.3	16.9	15.4	2.4
CONDITIONS:										
Acute Myocardial Infarction	10	0.0	25.9	*	0.0	29.4	*	20.0	33.1	*
Congestive Heart Failure	20	10.0	15.6	*	30.0	24.2	*	35.0	31.4	*
Pneumonia/Influenza	16	37.5	18.1	*	50.0	24.4	*	50.0	29.5	*
Chronic Obstructive Pulmonary Disease	9	11.1	7.3	*	11.1	12.8	*	22.2	17.5	*
Transient Cerebral Ischemia	3	0.0	3.6	*	0.0	8.1	*	33.3	12.9	*
Stroke	14	21.4	16.9	*	28.6	24.0	*	28.6	28.4	*
Hip Fracture	16	0.0	5.0	*	6.3	9.3	*	6.3	12.3	*
Sepsis	11	36.4	21.1	*	36.4	27.5	*	54.5	32.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	6.5	*	16.7	13.8	*	16.7	21.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	19	10.5	2.3	*	10.5	4.4	*	10.5	6.1	*
Open Reduction of Hip Fracture	5	0.0	4.5	*	0.0	8.6	*	0.0	11.4	*
Prostatectomy	17	0.0	1.0	*	0.0	2.3	*	0.0	3.7	*
Cholecystectomy	13	7.7	4.2	*	7.7	6.8	*	15.4	8.2	*
Hysterectomy	4	0.0	0.9	*	0.0	1.6	*	0.0	2.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	57
Occupancy Rate	58
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	35
Percent of Physicians Board Certified Specialists	89
Medical Residents/Interns	0
Registered Nurses	61
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

VALLEY VIEW HOSPITAL

Medicare Provider Number: 060075

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	406	8.4	8.9	2.2	11.1	13.2	2.6	13.3	16.6	3.1
CONDITIONS:										
Acute Myocardial Infarction	13	30.8	28.0	*	30.8	32.0	*	30.8	35.6	*
Congestive Heart Failure	17	23.5	15.8	*	35.3	24.0	*	41.2	30.9	*
Pneumonia/Influenza	19	21.1	16.0	*	26.3	21.7	*	31.6	26.0	*
Chronic Obstructive Pulmonary Disease	4	0.0	10.3	*	0.0	16.1	*	0.0	20.9	*
Transient Cerebral Ischemia	3	0.0	0.9	*	0.0	2.0	*	0.0	3.1	*
Stroke	12	8.3	25.8	*	25.0	33.8	*	25.0	38.8	*
Hip Fracture	8	0.0	5.5	*	0.0	10.2	*	0.0	13.3	*
Sepsis	7	28.6	25.7	*	28.6	31.1	*	28.6	36.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	3.7	*	0.0	7.1	*	0.0	10.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	16	0.0	2.3	*	0.0	4.8	*	0.0	6.7	*
Open Reduction of Hip Fracture	1	0.0	10.8	*	0.0	18.8	*	0.0	23.1	*
Prostatectomy	11	0.0	0.9	*	0.0	2.0	*	0.0	3.3	*
Cholecystectomy	8	25.0	6.6	*	37.5	14.1	*	37.5	20.0	*
Hysterectomy	2	0.0	0.4	*	0.0	0.7	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	402	6.2	7.6	1.7	10.7	11.5	1.8	13.7	14.7	2.1
CONDITIONS:										
Acute Myocardial Infarction	7	28.6	20.6	*	28.6	23.1	*	28.6	25.9	*
Congestive Heart Failure	28	14.3	14.3	*	17.9	21.4	*	21.4	27.7	*
Pneumonia/Influenza	9	0.0	16.9	*	0.0	22.5	*	0.0	27.3	*
Chronic Obstructive Pulmonary Disease	4	25.0	4.7	*	25.0	9.1	*	25.0	13.2	*
Transient Cerebral Ischemia	5	0.0	1.6	*	0.0	3.3	*	0.0	5.1	*
Stroke	11	9.1	19.2	*	18.2	26.2	*	27.3	30.7	*
Hip Fracture	14	7.1	5.5	*	21.4	10.5	*	35.7	14.1	*
Sepsis	11	9.1	27.2	*	18.2	33.8	*	27.3	39.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	33.3	8.2	*	33.3	13.2	*	33.3	16.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	13	0.0	2.3	*	15.4	4.6	*	15.4	6.4	*
Open Reduction of Hip Fracture	7	0.0	4.8	*	0.0	9.5	*	14.3	12.8	*
Prostatectomy	16	0.0	1.1	*	6.3	2.5	*	12.5	4.1	*
Cholecystectomy	8	0.0	2.4	*	0.0	3.9	*	0.0	4.9	*
Hysterectomy	5	0.0	1.9	*	0.0	4.3	*	0.0	6.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

WALSH DISTRICT HOSPITAL

150 Nevada St P O Box 206
Walsh, CO 81090

Medicare Provider Number: 060077

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	7	14.3	12.3	*	14.3	16.0	*	14.3	19.6	*
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	36.4	*	0.0	39.2	*	0.0	42.6	*
Congestive Heart Failure	1	0.0	11.8	*	0.0	16.6	*	0.0	22.1	*
Pneumonia/Influenza	1	0.0	17.5	*	0.0	24.2	*	0.0	29.7	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1988

Total Beds	17
Ownership/Control	District/Authority
STAFFING:	
Medical Residents/Interns	0
Registered Nurses	5
Licensed Practical Nurses	1

SPECIALTY SERVICES:	
Burn Unit	No
Coronary Care Unit	No
Hospice	No
Intensive Care Unit	No
Organ Transplant	No
Rehabilitation	No
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

WALSH DISTRICT HOSPITAL

Medicare Provider Number: 060077

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	19	10.5	9.9	*	15.8	14.9	*	21.1	18.9	*
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	33.4	*	0.0	36.7	*	0.0	40.2	*
Congestive Heart Failure	2	0.0	16.7	*	0.0	23.3	*	0.0	29.6	*
Pneumonia/Influenza	4	25.0	12.4	*	25.0	16.3	*	25.0	19.7	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	1.5	*	0.0	2.4	*	0.0	3.3	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	32	9.4	13.1	*	15.6	17.4	*	15.6	21.0	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	2	0.0	16.8	*	0.0	22.8	*	0.0	27.3	*
Chronic Obstructive Pulmonary Disease	1	0.0	8.2	*	100.0	13.6	*	100.0	19.7	*
Transient Cerebral Ischemia	0									
Stroke	2	0.0	22.9	*	0.0	31.0	*	0.0	36.9	*
Hip Fracture	0									
Sepsis	1	100.0	56.9	*	100.0	62.9	*	100.0	69.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	2.0	*	0.0	3.7	*	0.0	4.6	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

WASHINGTON COUNTY PUBLIC HOSPITAL

465 Main St
Akron, CO 80720

Medicare Provider Number: 060074

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	81	4.9	8.5	3.6	12.3	13.9	5.7	13.6	18.3	5.1
CONDITIONS:										
Acute Myocardial Infarction	3	0.0	37.2	*	33.3	45.2	*	33.3	50.5	*
Congestive Heart Failure	3	33.3	15.8	*	33.3	25.2	*	33.3	32.9	*
Pneumonia/Influenza	4	0.0	18.9	*	25.0	25.5	*	50.0	30.8	*
Chronic Obstructive Pulmonary Disease	6	0.0	6.0	*	16.7	11.3	*	16.7	15.9	*
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	11
Occupancy Rate	18
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	7
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	6
Licensed Practical Nurses	1

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

WASHINGTON COUNTY PUBLIC HOSPITAL

Medicare Provider Number: 060074

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	81	18.5	14.2	5.3	22.2	20.0	5.4	24.7	24.5	4.8
CONDITIONS:										
Acute Myocardial Infarction	4	75.0	32.5	*	75.0	35.8	*	75.0	38.8	*
Congestive Heart Failure	4	0.0	16.3	*	25.0	24.8	*	25.0	31.8	*
Pneumonia/Influenza	11	27.3	30.5	*	36.4	40.5	*	45.5	47.1	*
Chronic Obstructive Pulmonary Disease	4	0.0	7.2	*	0.0	13.0	*	0.0	17.7	*
Transient Cerebral Ischemia	1	0.0	2.5	*	0.0	5.9	*	0.0	9.7	*
Stroke	6	50.0	22.7	*	50.0	29.0	*	50.0	33.3	*
Hip Fracture	0									
Sepsis	5	60.0	31.1	*	60.0	38.4	*	60.0	45.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	61	11.5	10.3	4.1	14.8	16.1	4.9	19.7	20.7	5.5
CONDITIONS:										
Acute Myocardial Infarction	2	0.0	21.2	*	0.0	23.7	*	0.0	26.7	*
Congestive Heart Failure	1	0.0	21.0	*	0.0	30.6	*	0.0	38.4	*
Pneumonia/Influenza	5	0.0	19.0	*	20.0	25.3	*	20.0	29.8	*
Chronic Obstructive Pulmonary Disease	9	11.1	9.6	*	11.1	17.0	*	22.2	22.8	*
Transient Cerebral Ischemia	0									
Stroke	4	50.0	30.3	*	50.0	36.9	*	50.0	41.8	*
Hip Fracture	0									
Sepsis	1	100.0	16.7	*	100.0	22.9	*	100.0	27.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	0.9	*	0.0	1.6	*	0.0	2.2	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

WEISBROD MEMORIAL COUNTY HOSPITAL

1208 Luther St
Eads, CO 81036

Medicare Provider Number: 060047

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	13	15.4	19.8	*	30.8	26.3	*	38.5	31.8	*
CONDITIONS:										
Acute Myocardial Infarction	2	50.0	36.4	*	50.0	39.8	*	50.0	44.1	*
Congestive Heart Failure	1	0.0	23.2	*	0.0	34.9	*	0.0	43.8	*
Pneumonia/Influenza	2	0.0	15.2	*	0.0	21.0	*	0.0	25.9	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	2	50.0	25.3	*	50.0	32.4	*	50.0	37.8	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	42
Occupancy Rate	79
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	1
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	4
Licensed Practical Nurses	0

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

WEISBROD MEMORIAL COUNTY HOSPITAL

Medicare Provider Number: 060047

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	11	9.1	9.7	*	9.1	15.1	*	9.1	19.5	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	1	0.0	11.5	*	0.0	18.1	*	0.0	23.9	*
Pneumonia/Influenza	3	0.0	9.9	*	0.0	13.7	*	0.0	17.0	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	1	100.0	16.2	*	100.0	21.2	*	100.0	25.5	*
Hip Fracture	0									
Sepsis	1	0.0	7.5	*	0.0	13.8	*	0.0	18.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	14	14.3	13.7	*	14.3	17.6	*	14.3	21.0	*
CONDITIONS:										
Acute Myocardial Infarction	3	33.3	30.1	*	33.3	32.7	*	33.3	36.0	*
Congestive Heart Failure	0									
Pneumonia/Influenza	5	20.0	11.4	*	20.0	15.8	*	20.0	19.4	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

WRAY COMMUNITY DISTRICT HOSPITAL

340 Birch St Box 65
Wray, CO 80758

Medicare Provider Number: 060053

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	128	12.5	9.2	3.3	18.0	13.6	4.7	18.8	17.2	3.5
CONDITIONS:										
Acute Myocardial Infarction	2	0.0	25.2	*	0.0	28.4	*	0.0	31.9	*
Congestive Heart Failure	9	33.3	15.6	*	55.6	24.0	*	55.6	30.9	*
Pneumonia/Influenza	18	16.7	15.2	*	22.2	20.6	*	22.2	24.8	*
Chronic Obstructive Pulmonary Disease	4	25.0	6.6	*	25.0	11.1	*	25.0	15.0	*
Transient Cerebral Ischemia	2	0.0	1.3	*	50.0	2.7	*	50.0	4.2	*
Stroke	4	50.0	24.6	*	50.0	31.5	*	50.0	36.5	*
Hip Fracture	1	0.0	6.2	*	0.0	11.8	*	0.0	15.6	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	0.9	*	0.0	1.6	*	0.0	2.2	*
Hysterectomy	2	50.0	0.3	*	50.0	0.4	*	50.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	25
Occupancy Rate	16
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	3
Percent of Physicians Board Certified Specialists	33
Medical Residents/Interns	0
Registered Nurses	9
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

WRAY COMMUNITY DISTRICT HOSPITAL

Medicare Provider Number: 060053

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	126	13.5	8.9	3.9	19.0	13.5	4.5	22.2	17.4	4.2
CONDITIONS:										
Acute Myocardial Infarction	5	60.0	32.9	*	60.0	38.2	*	60.0	43.1	*
Congestive Heart Failure	9	0.0	18.5	*	11.1	30.0	*	33.3	38.6	*
Pneumonia/Influenza	15	13.3	13.9	*	20.0	18.7	*	26.7	22.5	*
Chronic Obstructive Pulmonary Disease	4	25.0	10.6	*	25.0	19.2	*	25.0	26.9	*
Transient Cerebral Ischemia	1	100.0	2.2	*	100.0	5.4	*	100.0	8.9	*
Stroke	2	100.0	22.8	*	100.0	28.7	*	100.0	33.6	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	1.0	*	0.0	1.8	*	0.0	2.4	*
Hysterectomy	1	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	112	7.1	7.9	2.8	13.4	12.4	3.7	17.0	16.1	4.6
CONDITIONS:										
Acute Myocardial Infarction	5	60.0	29.0	*	60.0	32.0	*	60.0	35.4	*
Congestive Heart Failure	5	20.0	15.2	*	40.0	23.1	*	40.0	29.4	*
Pneumonia/Influenza	10	0.0	13.7	*	10.0	18.3	*	10.0	22.2	*
Chronic Obstructive Pulmonary Disease	2	0.0	9.6	*	0.0	14.9	*	0.0	19.2	*
Transient Cerebral Ischemia	5	0.0	2.5	*	0.0	5.4	*	0.0	8.5	*
Stroke	3	66.7	18.0	*	66.7	23.5	*	66.7	28.1	*
Hip Fracture	0									
Sepsis	2	0.0	24.4	*	0.0	35.1	*	0.0	43.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	1.4	*	0.0	2.1	*	0.0	2.7	*
Hysterectomy	1	0.0	1.5	*	0.0	3.5	*	0.0	5.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

YUMA DISTRICT HOSPITAL

910 S Main St
Yuma, CO 80759

Medicare Provider Number: 060056

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	60	3.3	10.1	5.9	8.3	13.7	5.9	13.3	17.0	5.5
CONDITIONS:										
Acute Myocardial Infarction	6	0.0	36.1	*	16.7	39.5	*	33.3	43.1	*
Congestive Heart Failure	2	0.0	5.9	*	0.0	10.2	*	0.0	14.4	*
Pneumonia/Influenza	2	0.0	12.4	*	0.0	17.0	*	0.0	21.1	*
Chronic Obstructive Pulmonary Disease	4	0.0	6.2	*	0.0	11.3	*	25.0	16.2	*
Transient Cerebral Ischemia	0									
Stroke	7	28.6	23.1	*	57.1	30.2	*	71.4	35.5	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	13
Occupancy Rate	21
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	2
Percent of Physicians Board Certified Specialists	50
Medical Residents/Interns	0
Registered Nurses	6
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

YUMA DISTRICT HOSPITAL

Medicare Provider Number: 060056

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	69	10.1	10.9	5.6	15.9	15.2	4.8	20.3	19.0	5.3
CONDITIONS:										
Acute Myocardial Infarction	6	16.7	26.7	*	16.7	30.7	*	16.7	34.9	*
Congestive Heart Failure	2	50.0	12.9	*	50.0	19.9	*	100.0	25.8	*
Pneumonia/Influenza	3	66.7	18.6	*	66.7	24.8	*	66.7	29.2	*
Chronic Obstructive Pulmonary Disease	5	0.0	7.1	*	40.0	12.4	*	40.0	17.0	*
Transient Cerebral Ischemia	2	0.0	2.1	*	0.0	4.2	*	0.0	6.5	*
Stroke	5	0.0	19.9	*	0.0	25.2	*	0.0	29.7	*
Hip Fracture	0									
Sepsis	1	0.0	38.2	*	0.0	43.8	*	0.0	50.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	74	20.3	11.9	5.5	25.7	16.8	6.2	27.0	20.8	5.8
CONDITIONS:										
Acute Myocardial Infarction	4	50.0	27.0	*	50.0	30.7	*	50.0	34.7	*
Congestive Heart Failure	1	0.0	14.0	*	0.0	19.9	*	0.0	25.5	*
Pneumonia/Influenza	2	50.0	23.2	*	50.0	29.6	*	50.0	34.9	*
Chronic Obstructive Pulmonary Disease	2	0.0	5.3	*	0.0	9.8	*	0.0	13.7	*
Transient Cerebral Ischemia	3	33.3	2.9	*	33.3	6.3	*	33.3	10.1	*
Stroke	10	50.0	20.8	*	60.0	28.5	*	60.0	33.3	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

Montana

BARRETT MEMORIAL HOSPITAL

1260 S Atlantic
Dillon, MT 59725

Medicare Provider Number: 270028

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	232	7.3	10.1	4.0	12.1	15.0	3.5	18.5	19.0	3.4
CONDITIONS:										
Acute Myocardial Infarction	8	25.0	26.6	*	25.0	30.2	*	25.0	34.1	*
Congestive Heart Failure	14	0.0	13.7	*	0.0	22.7	*	7.1	29.8	*
Pneumonia/Influenza	38	7.9	14.7	*	13.2	20.5	*	21.1	25.2	*
Chronic Obstructive Pulmonary Disease	1	0.0	4.2	*	0.0	7.8	*	0.0	11.2	*
Transient Cerebral Ischemia	1	0.0	1.5	*	0.0	2.9	*	0.0	4.5	*
Stroke	5	20.0	16.2	*	20.0	24.2	*	20.0	29.0	*
Hip Fracture	0									
Sepsis	2	50.0	23.7	*	50.0	30.2	*	100.0	36.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	8	0.0	0.5	*	12.5	1.3	*	12.5	2.3	*
Cholecystectomy	3	0.0	2.6	*	0.0	4.0	*	0.0	4.9	*
Hysterectomy	1	0.0	0.0	*	0.0	0.1	*	0.0	0.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	31
Occupancy Rate	26
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	12
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

BARRETT MEMORIAL HOSPITAL

Medicare Provider Number: 270028

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	230	4.8	8.9	2.6	9.1	14.0	3.0	14.3	18.1	2.9
CONDITIONS:										
Acute Myocardial Infarction	5	0.0	25.2	*	0.0	28.0	*	0.0	31.0	*
Congestive Heart Failure	13	7.7	14.9	*	15.4	23.0	*	23.1	29.6	*
Pneumonia/Influenza	36	5.6	15.8	*	8.3	22.0	*	8.3	26.6	*
Chronic Obstructive Pulmonary Disease	5	40.0	11.0	*	40.0	20.1	*	40.0	27.4	*
Transient Cerebral Ischemia	4	0.0	2.9	*	0.0	7.4	*	0.0	12.6	*
Stroke	6	0.0	17.6	*	16.7	23.4	*	33.3	27.8	*
Hip Fracture	0									
Sepsis	2	0.0	20.2	*	0.0	26.4	*	50.0	31.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	9	0.0	2.1	*	0.0	4.0	*	11.1	5.4	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	208	6.3	8.0	6.0	9.1	13.1	9.1	12.0	17.2	10.3
CONDITIONS:										
Acute Myocardial Infarction	5	20.0	18.5	*	40.0	20.6	*	40.0	23.1	*
Congestive Heart Failure	11	0.0	17.1	*	0.0	26.9	*	0.0	34.5	*
Pneumonia/Influenza	25	8.0	13.3	*	12.0	19.0	*	24.0	23.3	*
Chronic Obstructive Pulmonary Disease	8	25.0	9.7	*	25.0	17.4	*	25.0	23.5	*
Transient Cerebral Ischemia	5	0.0	2.4	*	0.0	5.7	*	0.0	9.4	*
Stroke	5	40.0	24.0	*	60.0	32.6	*	60.0	38.6	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	7	0.0	1.0	*	0.0	1.8	*	0.0	2.3	*
Hysterectomy	1	0.0	2.9	*	0.0	7.5	*	0.0	12.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

BIG HORN COUNTY MEMORIAL HOSPITAL

17 N Miles
Hardin, MT 59034

Medicare Provider Number: 270079

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	126	10.3	8.2	3.0	15.1	13.2	3.5	20.6	17.2	4.4
CONDITIONS:										
Acute Myocardial Infarction	4	50.0	25.3	*	75.0	28.4	*	75.0	32.2	*
Congestive Heart Failure	5	0.0	12.8	*	0.0	20.6	*	20.0	27.4	*
Pneumonia/Influenza	8	25.0	14.8	*	37.5	20.9	*	50.0	26.1	*
Chronic Obstructive Pulmonary Disease	5	0.0	7.2	*	0.0	14.2	*	0.0	20.8	*
Transient Cerebral Ischemia	1	0.0	1.8	*	0.0	4.2	*	0.0	6.8	*
Stroke	5	20.0	16.8	*	20.0	22.6	*	40.0	26.9	*
Hip Fracture	0									
Sepsis	1	0.0	27.6	*	0.0	32.2	*	0.0	38.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	0.1	*	0.0	0.3	*	0.0	0.5	*
Hysterectomy	1	0.0	1.9	*	0.0	4.8	*	0.0	8.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	50
Occupancy Rate	74
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	5
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

BIG HORN COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 270079

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	122	10.7	9.4	2.9	15.6	14.1	3.5	17.2	18.0	4.0
CONDITIONS:										
Acute Myocardial Infarction	2	0.0	17.9	*	0.0	20.9	*	0.0	24.6	*
Congestive Heart Failure	6	0.0	14.1	*	16.7	21.7	*	16.7	28.2	*
Pneumonia/Influenza	10	40.0	18.3	*	50.0	25.4	*	50.0	30.3	*
Chronic Obstructive Pulmonary Disease	7	28.6	6.0	*	42.9	10.7	*	42.9	15.0	*
Transient Cerebral Ischemia	0									
Stroke	2	0.0	15.7	*	0.0	20.8	*	0.0	25.1	*
Hip Fracture	0									
Sepsis	3	0.0	44.7	*	0.0	51.2	*	0.0	57.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	5.8	*	0.0	8.6	*	0.0	10.0	*
Hysterectomy	1	0.0	0.9	*	0.0	1.5	*	0.0	1.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	132	10.6	9.8	4.0	14.4	14.0	6.2	16.7	17.8	7.4
CONDITIONS:										
Acute Myocardial Infarction	5	60.0	35.3	*	60.0	38.6	*	60.0	42.9	*
Congestive Heart Failure	1	0.0	21.9	*	0.0	34.2	*	0.0	43.8	*
Pneumonia/Influenza	7	0.0	12.1	*	0.0	16.5	*	0.0	20.5	*
Chronic Obstructive Pulmonary Disease	4	25.0	14.6	*	25.0	23.2	*	50.0	29.9	*
Transient Cerebral Ischemia	1	0.0	4.7	*	0.0	11.9	*	0.0	19.1	*
Stroke	8	37.5	22.7	*	37.5	29.1	*	37.5	33.9	*
Hip Fracture	1	0.0	9.4	*	0.0	15.4	*	0.0	19.0	*
Sepsis	2	50.0	45.9	*	50.0	52.6	*	50.0	60.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	5	0.0	1.2	*	0.0	2.2	*	0.0	3.0	*
Hysterectomy	1	0.0	0.1	*	0.0	0.3	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

BIG SANDY MEDICAL CENTER

P O Box 530
Big Sandy, MT 59520

Medicare Provider Number: 270053

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	9	0.0	13.2	*	22.2	18.9	*	22.2	23.4	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	1	0.0	13.9	*	0.0	21.6	*	0.0	28.3	*
Pneumonia/Influenza	1	0.0	15.8	*	100.0	22.0	*	100.0	27.2	*
Chronic Obstructive Pulmonary Disease	1	0.0	6.3	*	100.0	12.0	*	100.0	17.2	*
Transient Cerebral Ischemia	0									
Stroke	1	0.0	17.3	*	0.0	24.2	*	0.0	28.3	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	30
Occupancy Rate	80
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	1
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

BIG SANDY MEDICAL CENTER

Medicare Provider Number: 270053

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	17	11.8	8.5	*	11.8	13.8	*	17.6	18.3	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	1	0.0	13.2	*	0.0	22.8	*	0.0	30.8	*
Pneumonia/Influenza	3	0.0	13.5	*	0.0	18.5	*	0.0	22.6	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	19	15.8	5.9	*	21.1	10.1	*	26.3	14.2	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	1	100.0	12.5	*	100.0	20.8	*	100.0	28.2	*
Pneumonia/Influenza	3	0.0	20.8	*	33.3	30.3	*	33.3	37.2	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	0.0	1.7	*	0.0	3.8	*	0.0	6.2	*
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

BOZEMAN DEACONESS HOSPITAL

915 Highland Blvd
Bozeman, MT 59715

Medicare Provider Number: 270057

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	978	7.3	7.0	1.2	9.6	10.5	1.6	12.0	13.4	2.6
CONDITIONS:										
Acute Myocardial Infarction	36	30.6	32.3	*	38.9	35.7	*	38.9	39.3	*
Congestive Heart Failure	21	0.0	13.3	*	4.8	20.7	*	14.3	27.0	*
Pneumonia/Influenza	47	8.5	14.8	*	10.6	20.2	*	14.9	24.5	*
Chronic Obstructive Pulmonary Disease	19	15.8	8.4	*	15.8	14.3	*	36.8	19.4	*
Transient Cerebral Ischemia	18	5.6	2.6	*	11.1	5.8	*	11.1	9.1	*
Stroke	28	28.6	20.8	*	28.6	27.2	*	35.7	31.8	*
Hip Fracture	30	13.3	5.7	*	16.7	10.5	*	20.0	13.8	*
Sepsis	7	28.6	21.3	*	42.9	31.5	*	42.9	38.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	41	4.9	2.4	*	7.3	4.5	*	7.3	6.1	*
Open Reduction of Hip Fracture	13	7.7	4.0	*	7.7	7.4	*	15.4	9.8	*
Prostatectomy	60	3.3	0.7	2.5	3.3	1.7	2.5	5.0	3.0	3.5
Cholecystectomy	9	22.2	6.5	*	22.2	11.4	*	22.2	14.1	*
Hysterectomy	8	0.0	0.5	*	0.0	1.0	*	0.0	1.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds	86
Occupancy Rate	49
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	62
Percent of Physicians Board Certified Specialists	92
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

BOZEMAN DEACONESS HOSPITAL

Medicare Provider Number: 270057

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	904	6.4	6.9	1.1	9.7	10.6	1.4	12.9	13.6	1.4
CONDITIONS:										
Acute Myocardial Infarction	16	18.8	28.9	*	25.0	31.8	*	25.0	35.3	*
Congestive Heart Failure	28	7.1	15.1	*	17.9	22.9	*	28.6	29.3	*
Pneumonia/Influenza	32	15.6	14.1	*	21.9	19.0	*	25.0	23.0	*
Chronic Obstructive Pulmonary Disease	19	26.3	8.9	*	31.6	14.8	*	36.8	19.8	*
Transient Cerebral Ischemia	13	0.0	2.0	*	15.4	4.4	*	15.4	6.9	*
Stroke	22	13.6	24.3	*	27.3	30.3	*	31.8	35.1	*
Hip Fracture	30	16.7	6.3	*	20.0	11.5	*	23.3	14.7	*
Sepsis	9	0.0	18.3	*	0.0	23.9	*	0.0	28.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	4.4	*	0.0	7.7	*	0.0	10.8	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	47	4.3	2.1	*	4.3	4.2	*	4.3	5.8	*
Open Reduction of Hip Fracture	15	6.7	4.6	*	13.3	8.7	*	20.0	11.4	*
Prostatectomy	43	2.3	0.5	*	4.7	1.2	*	7.0	2.1	*
Cholecystectomy	20	10.0	4.0	*	10.0	6.4	*	10.0	7.9	*
Hysterectomy	10	0.0	0.1	*	0.0	0.2	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	865	9.1	8.1	3.1	13.4	12.2	3.6	16.2	15.5	3.2
CONDITIONS:										
Acute Myocardial Infarction	19	26.3	31.4	*	26.3	34.6	*	26.3	37.9	*
Congestive Heart Failure	33	18.2	14.3	*	36.4	21.8	*	45.5	28.3	*
Pneumonia/Influenza	30	16.7	16.9	*	20.0	22.8	*	20.0	27.8	*
Chronic Obstructive Pulmonary Disease	20	20.0	9.3	*	20.0	15.3	*	30.0	20.1	*
Transient Cerebral Ischemia	11	0.0	1.6	*	9.1	3.3	*	9.1	5.1	*
Stroke	26	30.8	24.7	*	38.5	31.4	*	46.2	36.4	*
Hip Fracture	28	7.1	5.6	*	10.7	10.5	*	14.3	13.9	*
Sepsis	11	18.2	25.8	*	27.3	34.3	*	27.3	40.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	16.7	5.4	*	16.7	9.1	*	16.7	11.9	*
Carotid Endarterectomy	2	0.0	1.4	*	0.0	2.6	*	0.0	3.8	*
Hip Replacement/Reconstruction	41	0.0	1.7	*	4.9	3.2	*	4.9	4.4	*
Open Reduction of Hip Fracture	10	10.0	4.6	*	20.0	8.9	*	30.0	11.9	*
Prostatectomy	49	0.0	0.5	*	0.0	1.3	*	0.0	2.2	*
Cholecystectomy	9	0.0	5.3	*	11.1	8.6	*	11.1	10.8	*
Hysterectomy	6	0.0	0.3	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

BROADWATER HEALTH CENTER

P O Box 519
Townsend, MT 59644

Medicare Provider Number: 270006

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	74	12.2	11.8	5.5	18.9	17.8	9.0	18.9	22.3	6.8
CONDITIONS:										
Acute Myocardial Infarction	2	0.0	33.4	*	0.0	36.3	*	0.0	40.2	*
Congestive Heart Failure	2	0.0	18.4	*	50.0	27.7	*	50.0	36.1	*
Pneumonia/Influenza	12	25.0	14.7	*	25.0	20.5	*	25.0	25.5	*
Chronic Obstructive Pulmonary Disease	1	0.0	5.2	*	0.0	9.4	*	0.0	13.3	*
Transient Cerebral Ischemia	1	0.0	2.2	*	0.0	4.8	*	0.0	7.7	*
Stroke	3	33.3	18.3	*	33.3	23.8	*	33.3	28.4	*
Hip Fracture	0									
Sepsis	1	0.0	31.7	*	0.0	36.8	*	0.0	43.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	42
Occupancy Rate	69
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	1
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

BROADWATER HEALTH CENTER

Medicare Provider Number: 270006

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	84	10.7	12.4	3.9	16.7	18.7	4.5	20.2	23.6	5.7
CONDITIONS:										
Acute Myocardial Infarction	2	0.0	12.2	*	0.0	14.5	*	0.0	17.1	*
Congestive Heart Failure	4	25.0	16.9	*	25.0	23.7	*	25.0	30.1	*
Pneumonia/Influenza	6	16.7	22.6	*	33.3	30.2	*	33.3	35.6	*
Chronic Obstructive Pulmonary Disease	3	0.0	4.4	*	0.0	7.3	*	0.0	10.0	*
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	1	0.0	30.2	*	0.0	36.1	*	0.0	43.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	83	2.4	7.8	5.4	3.6	12.2	8.0	6.0	16.0	9.2
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	39.6	*	0.0	43.2	*	0.0	48.1	*
Congestive Heart Failure	7	0.0	12.0	*	14.3	18.5	*	14.3	24.4	*
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	3	0.0	9.4	*	0.0	16.2	*	0.0	21.6	*
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	1.3	*	0.0	2.0	*	0.0	2.6	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

CARBON COUNTY MEMORIAL HOSPITAL

600 W 20th St P O Box 590
Red Lodge, MT 59068

Medicare Provider Number: 270029

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	125	8.0	8.9	4.5	15.2	13.5	6.7	17.6	17.3	5.9
CONDITIONS:										
Acute Myocardial Infarction	2	50.0	35.3	*	100.0	39.2	*	100.0	43.1	*
Congestive Heart Failure	7	28.6	19.1	*	42.9	29.4	*	42.9	36.9	*
Pneumonia/Influenza	6	16.7	20.4	*	16.7	27.9	*	16.7	33.8	*
Chronic Obstructive Pulmonary Disease	5	0.0	7.1	*	0.0	14.2	*	20.0	20.7	*
Transient Cerebral Ischemia	1	0.0	2.7	*	0.0	6.5	*	0.0	10.1	*
Stroke	5	40.0	18.1	*	60.0	23.2	*	60.0	27.6	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	0.6	*	0.0	1.0	*	0.0	1.4	*
Hysterectomy	1	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	52
Occupancy Rate	65
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	4
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

CARBON COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 270029

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	158	8.2	10.9	3.3	13.9	16.0	3.8	19.0	20.1	3.3
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	19.8	*	0.0	22.2	*	0.0	25.2	*
Congestive Heart Failure	8	12.5	13.2	*	12.5	20.2	*	25.0	26.3	*
Pneumonia/Influenza	13	23.1	20.4	*	30.8	27.5	*	38.5	32.2	*
Chronic Obstructive Pulmonary Disease	3	0.0	10.8	*	0.0	18.4	*	0.0	23.8	*
Transient Cerebral Ischemia	2	0.0	2.7	*	0.0	5.7	*	50.0	8.8	*
Stroke	6	16.7	23.7	*	33.3	30.4	*	33.3	35.4	*
Hip Fracture	0									
Sepsis	8	12.5	30.3	*	25.0	36.8	*	25.0	43.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	1.4	*	0.0	2.8	*	0.0	4.1	*
Hysterectomy	2	0.0	1.2	*	0.0	2.0	*	0.0	2.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	129	10.9	9.3	5.9	17.8	13.9	7.9	20.9	17.9	7.5
CONDITIONS:										
Acute Myocardial Infarction	5	20.0	28.2	*	20.0	31.1	*	20.0	34.6	*
Congestive Heart Failure	4	50.0	17.2	*	75.0	26.2	*	75.0	33.6	*
Pneumonia/Influenza	16	6.3	17.5	*	12.5	23.9	*	31.3	29.0	*
Chronic Obstructive Pulmonary Disease	3	0.0	14.4	*	0.0	26.8	*	0.0	35.9	*
Transient Cerebral Ischemia	2	0.0	1.4	*	0.0	3.0	*	0.0	4.7	*
Stroke	6	33.3	22.8	*	50.0	29.6	*	50.0	35.0	*
Hip Fracture	1	0.0	14.5	*	100.0	26.6	*	100.0	33.5	*
Sepsis	2	50.0	20.6	*	50.0	26.2	*	50.0	31.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	0.6	*	0.0	1.2	*	0.0	1.7	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

CENTRAL MONTANA HOSPITAL

408 Wendell Box 580
Lewistown, MT 59457

Medicare Provider Number: 270011

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	455	9.2	8.4	2.3	12.7	13.1	2.5	15.4	16.9	2.7
CONDITIONS:										
Acute Myocardial Infarction	15	26.7	22.2	*	26.7	25.0	*	26.7	28.1	*
Congestive Heart Failure	25	12.0	13.7	*	16.0	21.4	*	16.0	28.3	*
Pneumonia/Influenza	32	9.4	17.2	*	18.8	23.5	*	21.9	28.4	*
Chronic Obstructive Pulmonary Disease	10	0.0	5.4	*	10.0	10.0	*	10.0	14.2	*
Transient Cerebral Ischemia	5	0.0	1.7	*	0.0	3.7	*	0.0	5.9	*
Stroke	8	25.0	26.9	*	25.0	34.9	*	25.0	40.0	*
Hip Fracture	20	0.0	4.7	*	0.0	8.8	*	0.0	11.8	*
Sepsis	7	14.3	17.8	*	42.9	23.7	*	42.9	28.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	5.7	*	0.0	12.4	*	0.0	18.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	11	0.0	3.3	*	0.0	6.5	*	0.0	9.2	*
Open Reduction of Hip Fracture	10	0.0	4.5	*	0.0	8.6	*	0.0	11.5	*
Prostatectomy	12	0.0	0.7	*	0.0	1.9	*	0.0	3.4	*
Cholecystectomy	4	0.0	5.8	*	0.0	11.3	*	0.0	15.0	*
Hysterectomy	4	25.0	0.3	*	25.0	0.5	*	25.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	117
Occupancy Rate	74
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	12
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

CENTRAL MONTANA HOSPITAL

Medicare Provider Number: 270011

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	471	10.6	8.3	1.6	14.6	13.1	2.2	17.2	17.0	1.8
CONDITIONS:										
Acute Myocardial Infarction	8	37.5	34.2	*	37.5	38.0	*	37.5	41.9	*
Congestive Heart Failure	20	25.0	16.9	*	30.0	26.5	*	30.0	34.2	*
Pneumonia/Influenza	28	17.9	18.0	*	21.4	24.6	*	25.0	29.6	*
Chronic Obstructive Pulmonary Disease	17	5.9	6.5	*	5.9	11.2	*	5.9	15.5	*
Transient Cerebral Ischemia	7	0.0	2.4	*	0.0	5.7	*	0.0	9.3	*
Stroke	17	35.3	23.8	*	47.1	31.3	*	47.1	36.7	*
Hip Fracture	14	7.1	6.3	*	7.1	12.7	*	7.1	17.3	*
Sepsis	5	40.0	29.8	*	40.0	37.5	*	40.0	44.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	2.4	*	0.0	5.6	*	0.0	8.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	14	7.1	2.5	*	7.1	5.1	*	7.1	7.2	*
Open Reduction of Hip Fracture	9	0.0	5.4	*	0.0	11.3	*	0.0	15.9	*
Prostatectomy	26	0.0	2.2	*	0.0	3.4	*	3.8	4.8	*
Cholecystectomy	6	16.7	1.8	*	16.7	3.6	*	16.7	5.0	*
Hysterectomy	3	0.0	0.7	*	0.0	1.1	*	0.0	1.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	482	8.9	7.5	1.7	11.2	11.6	1.8	12.9	15.1	3.0
CONDITIONS:										
Acute Myocardial Infarction	14	14.3	24.9	*	21.4	28.2	*	21.4	31.5	*
Congestive Heart Failure	26	11.5	15.9	*	15.4	24.1	*	15.4	31.0	*
Pneumonia/Influenza	35	11.4	16.3	*	14.3	22.4	*	14.3	27.3	*
Chronic Obstructive Pulmonary Disease	8	0.0	6.9	*	0.0	12.5	*	12.5	17.3	*
Transient Cerebral Ischemia	12	0.0	1.6	*	0.0	3.5	*	0.0	5.6	*
Stroke	12	25.0	18.3	*	25.0	25.5	*	25.0	30.6	*
Hip Fracture	21	0.0	5.5	*	4.8	10.5	*	4.8	14.0	*
Sepsis	3	33.3	39.4	*	33.3	46.2	*	33.3	53.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	3.6	*	0.0	8.0	*	0.0	12.3	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	13	0.0	2.9	*	0.0	5.5	*	0.0	7.3	*
Open Reduction of Hip Fracture	12	0.0	5.0	*	8.3	9.8	*	8.3	13.4	*
Prostatectomy	28	0.0	0.6	*	0.0	1.6	*	3.6	2.7	*
Cholecystectomy	9	0.0	1.6	*	0.0	3.0	*	0.0	4.0	*
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

CHOUTEAU COUNTY DISTRICT HOSPITAL

P O Box 249
Fort Benton, MT 59442

Medicare Provider Number: 270072

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	34	2.9	5.5	*	11.8	9.1	*	11.8	12.1	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	2	0.0	23.6	*	50.0	36.2	*	50.0	45.1	*
Pneumonia/Influenza	3	33.3	10.5	*	33.3	15.4	*	33.3	19.1	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	0.0	1.4	*	0.0	3.1	*	0.0	4.9	*
Stroke	0									
Hip Fracture	0									
Sepsis	1	0.0	22.4	*	0.0	27.0	*	0.0	32.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	39
Occupancy Rate	80
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	4
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

CHOUTEAU COUNTY DISTRICT HOSPITAL

Medicare Provider Number: 270072

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	34	8.8	7.1	*	11.8	11.5	*	17.6	15.2	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	2	50.0	14.3	*	50.0	21.2	*	50.0	27.2	*
Pneumonia/Influenza	2	0.0	16.2	*	0.0	22.9	*	0.0	28.2	*
Chronic Obstructive Pulmonary Disease	1	0.0	16.6	*	0.0	31.9	*	0.0	45.5	*
Transient Cerebral Ischemia	0									
Stroke	2	0.0	20.3	*	50.0	26.6	*	50.0	31.8	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	44	4.5	8.8	*	9.1	13.0	*	11.4	16.6	*
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	17.9	*	100.0	20.4	*	100.0	23.5	*
Congestive Heart Failure	3	0.0	17.6	*	33.3	26.2	*	33.3	33.3	*
Pneumonia/Influenza	3	0.0	15.4	*	0.0	23.6	*	0.0	29.7	*
Chronic Obstructive Pulmonary Disease	2	0.0	19.0	*	0.0	28.8	*	0.0	34.8	*
Transient Cerebral Ischemia	1	0.0	2.3	*	0.0	5.2	*	0.0	8.5	*
Stroke	5	20.0	20.9	*	20.0	27.2	*	40.0	32.2	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

CLARK FORK VALLEY HOSPITAL

P O Box 768
Plains, MT 59859

Medicare Provider Number: 270083

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	159	7.5	9.0	2.8	10.1	13.2	5.3	12.6	16.8	6.0
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	40.7	*	0.0	43.8	*	0.0	48.0	*
Congestive Heart Failure	5	0.0	14.4	*	20.0	22.5	*	20.0	29.4	*
Pneumonia/Influenza	17	11.8	13.6	*	11.8	18.3	*	17.6	22.4	*
Chronic Obstructive Pulmonary Disease	7	0.0	7.5	*	0.0	12.0	*	0.0	16.0	*
Transient Cerebral Ischemia	2	0.0	4.1	*	0.0	10.5	*	0.0	17.5	*
Stroke	5	0.0	14.4	*	0.0	18.6	*	0.0	22.2	*
Hip Fracture	6	16.7	6.3	*	16.7	10.4	*	16.7	13.2	*
Sepsis	2	0.0	28.3	*	0.0	32.6	*	0.0	37.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	3.9	*	0.0	7.4	*	0.0	10.0	*
Open Reduction of Hip Fracture	2	50.0	4.9	*	50.0	8.1	*	50.0	10.0	*
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	44
Occupancy Rate	75
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	6
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

CLARK FORK VALLEY HOSPITAL

Medicare Provider Number: 270083

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	174	5.7	11.0	3.3	9.2	15.5	3.9	13.2	19.2	4.2
CONDITIONS:										
Acute Myocardial Infarction	7	14.3	45.0	*	14.3	48.0	*	14.3	52.0	*
Congestive Heart Failure	9	11.1	23.6	*	11.1	33.9	*	11.1	41.9	*
Pneumonia/Influenza	8	12.5	19.0	*	25.0	26.1	*	37.5	31.4	*
Chronic Obstructive Pulmonary Disease	1	0.0	6.9	*	0.0	11.6	*	0.0	16.0	*
Transient Cerebral Ischemia	0									
Stroke	4	50.0	20.4	*	50.0	26.1	*	50.0	30.8	*
Hip Fracture	12	0.0	6.0	*	0.0	11.2	*	8.3	14.9	*
Sepsis	1	0.0	36.6	*	0.0	56.5	*	100.0	67.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	0.0	3.7	*	0.0	7.1	*	0.0	9.4	*
Open Reduction of Hip Fracture	8	0.0	5.1	*	0.0	10.0	*	12.5	13.6	*
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	168	11.3	11.6	4.2	17.3	16.6	5.0	22.0	20.5	6.8
CONDITIONS:										
Acute Myocardial Infarction	8	12.5	44.6	*	25.0	48.2	*	37.5	52.3	*
Congestive Heart Failure	12	33.3	19.5	*	33.3	29.2	*	41.7	37.1	*
Pneumonia/Influenza	11	18.2	17.9	*	27.3	24.7	*	27.3	29.6	*
Chronic Obstructive Pulmonary Disease	4	0.0	10.6	*	0.0	17.1	*	0.0	22.6	*
Transient Cerebral Ischemia	1	100.0	4.5	*	100.0	11.0	*	100.0	18.6	*
Stroke	5	0.0	24.4	*	0.0	30.9	*	20.0	35.9	*
Hip Fracture	8	12.5	8.1	*	25.0	14.8	*	25.0	19.5	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	3.2	*	20.0	6.7	*	20.0	9.7	*
Open Reduction of Hip Fracture	4	25.0	8.4	*	25.0	15.6	*	25.0	20.4	*
Prostatectomy	0									
Cholecystectomy	1	0.0	1.1	*	0.0	1.8	*	0.0	2.4	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

COLUMBUS HOSPITAL

P O Box 5013
Great Falls, MT 59403

Medicare Provider Number: 270013

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,445	7.5	8.5	0.9	11.4	13.7	1.7	14.8	17.7	2.1
CONDITIONS:										
Acute Myocardial Infarction	24	25.0	24.4	*	37.5	28.4	*	41.7	32.2	*
Congestive Heart Failure	51	7.8	12.4	8.3	7.8	20.0	9.7	17.6	26.7	9.5
Pneumonia/Influenza	37	5.4	13.0	*	8.1	18.5	*	13.5	22.7	*
Chronic Obstructive Pulmonary Disease	31	6.5	7.5	*	6.5	13.2	*	12.9	18.1	*
Transient Cerebral Ischemia	15	0.0	1.5	*	0.0	3.3	*	0.0	5.4	*
Stroke	45	15.6	22.6	*	22.2	30.5	*	28.9	35.5	*
Hip Fracture	29	0.0	5.9	*	3.4	10.8	*	6.9	14.3	*
Sepsis	12	16.7	19.1	*	16.7	26.4	*	16.7	31.7	*
PROCEDURES:										
Angioplasty	1	100.0	8.1	*	100.0	9.6	*	100.0	11.3	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	2.3	*	0.0	5.0	*	0.0	7.9	*
Carotid Endarterectomy	1	0.0	1.8	*	0.0	4.0	*	0.0	5.7	*
Hip Replacement/Reconstruction	30	0.0	2.2	*	0.0	4.3	*	3.3	5.9	*
Open Reduction of Hip Fracture	4	0.0	5.3	*	0.0	10.5	*	0.0	14.5	*
Prostatectomy	67	1.5	1.5	1.5	3.0	3.6	2.3	3.0	6.0	3.9
Cholecystectomy	28	3.6	3.4	*	3.6	6.3	*	3.6	8.4	*
Hysterectomy	12	0.0	0.6	*	0.0	1.3	*	0.0	2.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	198
Occupancy Rate	47
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

COLUMBUS HOSPITAL

Medicare Provider Number: 270013

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,537	6.1	7.9	0.7	9.6	12.8	0.9	12.6	16.5	1.1
CONDITIONS:										
Acute Myocardial Infarction	26	19.2	24.6	*	19.2	27.4	*	23.1	30.5	*
Congestive Heart Failure	53	22.6	15.8	9.6	35.8	23.7	11.8	39.6	30.4	10.1
Pneumonia/Influenza	46	10.9	15.8	*	15.2	21.6	*	19.6	26.0	*
Chronic Obstructive Pulmonary Disease	37	13.5	11.0	*	16.2	18.0	*	16.2	23.5	*
Transient Cerebral Ischemia	26	0.0	2.3	*	0.0	4.9	*	0.0	7.8	*
Stroke	40	12.5	21.0	*	17.5	27.3	*	20.0	32.0	*
Hip Fracture	28	3.6	7.4	*	10.7	13.1	*	14.3	16.5	*
Sepsis	15	13.3	19.4	*	20.0	26.9	*	26.7	33.2	*
PROCEDURES:										
Angioplasty	1	0.0	12.8	*	0.0	14.1	*	0.0	15.5	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	1.9	*	0.0	4.5	*	0.0	7.4	*
Carotid Endarterectomy	3	0.0	1.9	*	0.0	3.4	*	0.0	5.0	*
Hip Replacement/Reconstruction	29	0.0	2.7	*	0.0	5.0	*	0.0	6.6	*
Open Reduction of Hip Fracture	6	0.0	8.8	*	16.7	16.8	*	33.3	22.1	*
Prostatectomy	79	1.3	1.3	2.3	5.1	3.0	2.8	5.1	4.8	3.1
Cholecystectomy	37	2.7	4.4	*	5.4	7.8	*	5.4	10.2	*
Hysterectomy	6	0.0	1.3	*	0.0	2.7	*	0.0	3.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,529	6.2	8.3	1.8	10.9	13.6	1.7	14.0	17.6	2.0
CONDITIONS:										
Acute Myocardial Infarction	14	35.7	28.3	*	35.7	31.8	*	35.7	35.1	*
Congestive Heart Failure	47	12.8	16.9	*	27.7	25.7	*	31.9	33.2	*
Pneumonia/Influenza	44	11.4	15.4	*	22.7	21.8	*	27.3	26.9	*
Chronic Obstructive Pulmonary Disease	36	8.3	9.8	*	11.1	16.6	*	13.9	22.3	*
Transient Cerebral Ischemia	22	0.0	2.8	*	0.0	6.1	*	4.5	9.6	*
Stroke	42	21.4	23.3	*	33.3	31.0	*	35.7	36.3	*
Hip Fracture	31	6.5	7.0	*	9.7	13.1	*	9.7	17.4	*
Sepsis	9	44.4	26.1	*	55.6	34.6	*	55.6	41.6	*
PROCEDURES:										
Angioplasty	3	0.0	8.2	*	0.0	9.6	*	0.0	10.9	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	12.6	*	0.0	25.0	*	33.3	32.9	*
Carotid Endarterectomy	5	0.0	2.3	*	0.0	4.6	*	0.0	6.8	*
Hip Replacement/Reconstruction	17	0.0	2.4	*	0.0	4.9	*	0.0	7.0	*
Open Reduction of Hip Fracture	5	20.0	7.2	*	20.0	13.0	*	20.0	16.9	*
Prostatectomy	86	2.3	1.2	1.3	3.5	2.9	1.8	3.5	4.9	2.5
Cholecystectomy	21	0.0	2.3	*	0.0	4.1	*	0.0	5.3	*
Hysterectomy	12	0.0	1.6	*	0.0	3.3	*	0.0	4.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

COMMUNITY HOSPITAL OF ANACONDA

401 W Pennsylvania Ave
Anaconda, MT 59711

Medicare Provider Number: 270009

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	317	6.9	7.3	1.7	11.0	11.5	2.4	15.1	15.0	4.0
CONDITIONS:										
Acute Myocardial Infarction	5	40.0	31.7	*	60.0	34.6	*	60.0	38.3	*
Congestive Heart Failure	25	16.0	12.5	*	20.0	19.9	*	24.0	26.3	*
Pneumonia/Influenza	22	27.3	15.8	*	31.8	22.1	*	36.4	27.2	*
Chronic Obstructive Pulmonary Disease	10	0.0	7.6	*	0.0	13.7	*	10.0	19.2	*
Transient Cerebral Ischemia	4	0.0	2.6	*	0.0	6.1	*	0.0	9.9	*
Stroke	8	0.0	18.4	*	12.5	23.4	*	12.5	27.5	*
Hip Fracture	3	0.0	7.3	*	0.0	12.8	*	0.0	16.3	*
Sepsis	2	100.0	28.1	*	100.0	41.5	*	100.0	48.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	3.8	*	0.0	7.1	*	0.0	9.4	*
Prostatectomy	9	0.0	0.5	*	0.0	1.0	*	0.0	1.6	*
Cholecystectomy	3	0.0	12.2	*	0.0	23.6	*	0.0	31.5	*
Hysterectomy	1	0.0	0.4	*	0.0	0.9	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	114
Occupancy Rate	75
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	8
Percent of Physicians Board Certified Specialists	63
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

COMMUNITY HOSPITAL OF ANACONDA

Medicare Provider Number: 270009

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	323	7.7	8.1	1.5	11.8	12.6	2.4	13.9	16.4	3.0
CONDITIONS:										
Acute Myocardial Infarction	8	25.0	29.2	*	25.0	33.2	*	37.5	37.4	*
Congestive Heart Failure	26	15.4	13.1	*	23.1	20.2	*	26.9	26.3	*
Pneumonia/Influenza	23	8.7	14.2	*	8.7	20.0	*	13.0	24.4	*
Chronic Obstructive Pulmonary Disease	10	0.0	4.2	*	0.0	8.4	*	0.0	12.4	*
Transient Cerebral Ischemia	7	0.0	2.4	*	0.0	5.5	*	0.0	9.0	*
Stroke	7	14.3	26.1	*	28.6	33.9	*	28.6	39.5	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	8	0.0	0.8	*	0.0	1.9	*	0.0	3.1	*
Cholecystectomy	3	0.0	2.8	*	0.0	5.6	*	0.0	8.1	*
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	289	8.0	7.5	2.4	14.5	12.1	3.7	17.3	15.9	2.5
CONDITIONS:										
Acute Myocardial Infarction	6	33.3	33.5	*	33.3	37.2	*	33.3	42.0	*
Congestive Heart Failure	27	11.1	13.6	*	11.1	20.9	*	11.1	27.1	*
Pneumonia/Influenza	10	20.0	16.9	*	20.0	23.5	*	30.0	28.6	*
Chronic Obstructive Pulmonary Disease	9	0.0	4.2	*	11.1	8.4	*	22.2	12.2	*
Transient Cerebral Ischemia	3	0.0	1.3	*	0.0	3.3	*	0.0	5.9	*
Stroke	15	20.0	16.2	*	33.3	22.5	*	40.0	26.9	*
Hip Fracture	0									
Sepsis	2	50.0	16.1	*	100.0	29.3	*	100.0	38.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	8	0.0	0.8	*	0.0	1.7	*	0.0	2.7	*
Cholecystectomy	7	0.0	1.3	*	0.0	2.1	*	0.0	2.9	*
Hysterectomy	2	0.0	0.5	*	0.0	1.0	*	0.0	1.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

COMMUNITY MEDICAL CENTER INC

2827 Ft Missoula Rd
Missoula, MT 59801

Medicare Provider Number: 270023

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	748	8.2	8.5	2.2	12.3	12.9	2.9	14.7	16.3	3.7
CONDITIONS:										
Acute Myocardial Infarction	8	0.0	26.7	*	0.0	29.5	*	0.0	32.6	*
Congestive Heart Failure	19	21.1	19.0	*	42.1	28.0	*	47.4	35.1	*
Pneumonia/Influenza	33	15.2	17.2	*	24.2	23.2	*	27.3	27.8	*
Chronic Obstructive Pulmonary Disease	10	0.0	11.0	*	0.0	18.2	*	10.0	23.9	*
Transient Cerebral Ischemia	8	0.0	2.6	*	0.0	6.1	*	0.0	9.9	*
Stroke	19	26.3	18.2	*	36.8	24.6	*	36.8	29.0	*
Hip Fracture	21	0.0	7.8	*	0.0	13.6	*	4.8	17.2	*
Sepsis	16	12.5	26.6	*	18.8	33.6	*	18.8	38.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	2.8	*	16.7	5.9	*	33.3	9.1	*
Carotid Endarterectomy	1	0.0	1.5	*	0.0	2.5	*	0.0	3.6	*
Hip Replacement/Reconstruction	23	0.0	2.3	*	0.0	4.3	*	0.0	5.7	*
Open Reduction of Hip Fracture	12	0.0	7.7	*	0.0	13.7	*	8.3	17.3	*
Prostatectomy	31	0.0	0.6	*	0.0	1.5	*	3.2	2.6	*
Cholecystectomy	10	10.0	4.2	*	20.0	7.9	*	20.0	10.4	*
Hysterectomy	10	0.0	0.5	*	0.0	1.1	*	0.0	1.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	125
Occupancy Rate	57
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

COMMUNITY MEDICAL CENTER INC

Medicare Provider Number: 270023

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	793	6.1	7.7	1.3	9.8	11.8	1.8	12.2	15.1	2.0
CONDITIONS:										
Acute Myocardial Infarction	12	33.3	28.6	*	33.3	31.7	*	33.3	35.0	*
Congestive Heart Failure	20	20.0	15.4	*	20.0	23.1	*	25.0	29.6	*
Pneumonia/Influenza	31	12.9	17.4	*	22.6	23.5	*	22.6	28.2	*
Chronic Obstructive Pulmonary Disease	6	16.7	8.9	*	16.7	15.9	*	33.3	21.3	*
Transient Cerebral Ischemia	10	0.0	3.3	*	0.0	7.3	*	0.0	11.2	*
Stroke	23	17.4	22.1	*	21.7	28.4	*	30.4	33.1	*
Hip Fracture	22	4.5	10.3	*	9.1	18.6	*	13.6	23.7	*
Sepsis	9	11.1	24.9	*	11.1	34.5	*	22.2	41.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	3	0.0	2.1	*	0.0	4.2	*	0.0	5.9	*
Hip Replacement/Reconstruction	33	0.0	5.0	*	3.0	9.1	*	3.0	11.7	*
Open Reduction of Hip Fracture	7	14.3	6.3	*	14.3	12.4	*	28.6	16.5	*
Prostatectomy	21	0.0	0.9	*	0.0	2.0	*	0.0	3.2	*
Cholecystectomy	18	0.0	3.6	*	0.0	6.4	*	5.6	8.1	*
Hysterectomy	14	0.0	0.5	*	0.0	1.1	*	0.0	1.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	660	4.8	6.9	1.7	10.8	10.9	1.8	12.3	14.1	2.1
CONDITIONS:										
Acute Myocardial Infarction	9	33.3	28.7	*	55.6	31.9	*	55.6	35.4	*
Congestive Heart Failure	17	23.5	18.4	*	35.3	26.4	*	35.3	33.4	*
Pneumonia/Influenza	24	4.2	16.1	*	25.0	22.2	*	29.2	27.0	*
Chronic Obstructive Pulmonary Disease	3	0.0	6.3	*	0.0	10.8	*	0.0	14.9	*
Transient Cerebral Ischemia	11	0.0	1.7	*	0.0	3.7	*	9.1	5.8	*
Stroke	14	28.6	23.1	*	28.6	30.9	*	28.6	36.0	*
Hip Fracture	12	8.3	8.1	*	8.3	14.3	*	8.3	18.5	*
Sepsis	5	20.0	23.9	*	20.0	32.7	*	20.0	39.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	4	0.0	1.3	*	0.0	2.3	*	0.0	3.2	*
Hip Replacement/Reconstruction	27	3.7	1.8	*	3.7	3.6	*	3.7	4.9	*
Open Reduction of Hip Fracture	6	0.0	7.2	*	0.0	12.0	*	0.0	14.8	*
Prostatectomy	24	0.0	1.6	*	0.0	3.8	*	0.0	6.2	*
Cholecystectomy	18	0.0	1.5	*	5.6	2.7	*	5.6	3.6	*
Hysterectomy	10	0.0	0.8	*	0.0	1.6	*	0.0	2.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

COMMUNITY MEMORIAL HOSPITAL

P O Box 1690
Sidney, MT 59270

Medicare Provider Number: 270021

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	391	6.4	8.1	3.8	11.0	12.5	2.9	13.3	16.1	3.9
CONDITIONS:										
Acute Myocardial Infarction	6	16.7	31.1	*	16.7	33.7	*	16.7	36.9	*
Congestive Heart Failure	19	10.5	14.9	*	21.1	23.4	*	21.1	30.2	*
Pneumonia/Influenza	13	0.0	17.6	*	0.0	23.6	*	0.0	28.4	*
Chronic Obstructive Pulmonary Disease	9	11.1	4.1	*	22.2	7.9	*	22.2	11.4	*
Transient Cerebral Ischemia	2	0.0	2.8	*	0.0	7.4	*	0.0	12.6	*
Stroke	10	30.0	27.7	*	40.0	34.1	*	50.0	38.9	*
Hip Fracture	16	18.8	7.5	*	25.0	12.8	*	25.0	16.1	*
Sepsis	4	0.0	22.2	*	25.0	27.6	*	25.0	32.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	3.1	*	33.3	5.5	*	33.3	8.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	13	15.4	4.0	*	15.4	7.2	*	15.4	9.3	*
Open Reduction of Hip Fracture	8	12.5	7.3	*	25.0	12.9	*	25.0	16.3	*
Prostatectomy	4	0.0	0.7	*	0.0	1.9	*	0.0	3.4	*
Cholecystectomy	11	0.0	1.5	*	0.0	2.6	*	0.0	3.3	*
Hysterectomy	2	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	49
Occupancy Rate	41
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

COMMUNITY MEMORIAL HOSPITAL

Medicare Provider Number: 270021

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	378	8.7	9.4	2.0	14.6	14.3	1.8	18.5	18.2	2.0
CONDITIONS:										
Acute Myocardial Infarction	11	45.5	38.2	*	54.5	41.6	*	54.5	45.5	*
Congestive Heart Failure	21	9.5	14.1	*	19.0	21.2	*	23.8	27.3	*
Pneumonia/Influenza	17	17.6	16.4	*	17.6	22.0	*	17.6	26.5	*
Chronic Obstructive Pulmonary Disease	14	7.1	9.1	*	14.3	15.9	*	21.4	22.1	*
Transient Cerebral Ischemia	5	0.0	2.6	*	0.0	5.5	*	0.0	8.6	*
Stroke	9	33.3	18.1	*	33.3	24.3	*	33.3	28.7	*
Hip Fracture	5	0.0	7.9	*	0.0	14.4	*	20.0	18.6	*
Sepsis	4	50.0	33.8	*	50.0	41.0	*	50.0	46.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	3.6	*	0.0	6.8	*	0.0	10.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	2.3	*	0.0	4.3	*	16.7	5.8	*
Open Reduction of Hip Fracture	3	0.0	7.6	*	0.0	14.4	*	0.0	18.8	*
Prostatectomy	8	12.5	1.6	*	12.5	4.2	*	12.5	7.2	*
Cholecystectomy	5	0.0	2.2	*	0.0	3.6	*	0.0	4.5	*
Hysterectomy	3	0.0	0.8	*	0.0	1.3	*	0.0	1.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	368	7.3	10.1	2.6	12.0	15.1	3.8	14.4	19.1	4.5
CONDITIONS:										
Acute Myocardial Infarction	14	28.6	30.5	*	35.7	34.4	*	35.7	38.2	*
Congestive Heart Failure	16	12.5	18.9	*	12.5	26.4	*	18.8	32.8	*
Pneumonia/Influenza	12	0.0	16.2	*	0.0	22.0	*	0.0	26.6	*
Chronic Obstructive Pulmonary Disease	19	0.0	15.3	*	5.3	24.4	*	5.3	30.7	*
Transient Cerebral Ischemia	2	0.0	2.1	*	0.0	4.6	*	0.0	7.4	*
Stroke	6	0.0	17.1	*	16.7	23.3	*	16.7	27.8	*
Hip Fracture	8	12.5	9.3	*	25.0	16.9	*	25.0	21.8	*
Sepsis	8	12.5	35.9	*	12.5	45.2	*	12.5	51.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	0.0	2.9	*	0.0	5.8	*	0.0	8.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	7.4	*	0.0	13.6	*	0.0	17.2	*
Open Reduction of Hip Fracture	5	20.0	7.0	*	40.0	13.6	*	40.0	18.2	*
Prostatectomy	4	0.0	1.6	*	0.0	4.2	*	0.0	7.5	*
Cholecystectomy	3	0.0	3.6	*	0.0	5.6	*	0.0	6.7	*
Hysterectomy	1	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

DANIELS MEMORIAL HOSPITAL

P O Box 400
Scobey, MT 59263

Medicare Provider Number: 270036

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	40	17.5	10.6	*	17.5	16.5	*	20.0	20.9	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	5	40.0	14.8	*	40.0	23.1	*	40.0	30.0	*
Pneumonia/Influenza	1	0.0	19.7	*	0.0	28.0	*	0.0	34.2	*
Chronic Obstructive Pulmonary Disease	3	33.3	5.4	*	33.3	10.7	*	33.3	15.4	*
Transient Cerebral Ischemia	2	0.0	2.4	*	0.0	5.6	*	0.0	9.2	*
Stroke	1	100.0	18.5	*	100.0	23.9	*	100.0	28.2	*
Hip Fracture	1	0.0	10.1	*	0.0	15.8	*	100.0	18.8	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	53
Occupancy Rate	70
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	2
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

DANIELS MEMORIAL HOSPITAL

Medicare Provider Number: 270036

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	31	9.7	11.0	*	12.9	14.9	*	16.1	18.4	*
CONDITIONS:										
Acute Myocardial Infarction	3	66.7	45.1	*	66.7	50.2	*	66.7	55.3	*
Congestive Heart Failure	1	0.0	3.3	*	0.0	5.4	*	0.0	7.7	*
Pneumonia/Influenza	1	0.0	4.3	*	0.0	6.2	*	0.0	7.6	*
Chronic Obstructive Pulmonary Disease	2	0.0	6.0	*	0.0	9.6	*	0.0	13.2	*
Transient Cerebral Ischemia	1	0.0	1.8	*	0.0	3.5	*	0.0	5.3	*
Stroke	4	25.0	20.0	*	50.0	26.5	*	50.0	31.3	*
Hip Fracture	0									
Sepsis	1	0.0	22.2	*	0.0	26.1	*	0.0	31.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	38	13.2	9.9	*	18.4	14.3	*	18.4	18.2	*
CONDITIONS:										
Acute Myocardial Infarction	2	50.0	43.7	*	50.0	46.7	*	50.0	50.6	*
Congestive Heart Failure	3	66.7	11.5	*	66.7	17.2	*	66.7	22.5	*
Pneumonia/Influenza	3	0.0	21.0	*	33.3	28.0	*	33.3	33.9	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	0.0	1.2	*	0.0	2.4	*	0.0	3.8	*
Stroke	3	66.7	22.9	*	66.7	29.1	*	66.7	34.3	*
Hip Fracture	2	0.0	5.8	*	0.0	11.6	*	0.0	16.3	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	4.4	*	50.0	10.8	*	50.0	17.1	*
Hysterectomy	1	0.0	0.6	*	0.0	0.9	*	0.0	1.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

191.1

The Daniels Memorial Hospital & Nursing Home

BOX 400
SCOBEY, MONTANA 59263

OPERATED BY
DANIELS MEMORIAL HOSPITAL ASSOCIATION
BOX 400
SCOBEY, MONTANA 59263

December 13, 1990

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Please accept the enclosed comments from Daniels Memorial Hospital, provider number 270036, concerning our Medicare hospital mortality information.

It is my understanding that these comments will be published and follow our hospital-specific information so that all the information for our hospital will appear together.

If you have any questions or concerns please feel free to contact me at (406)487-2296.

Respectfully,

Greg L. Maurer

Greg L. Maurer
Administrator
Daniels Memorial Hospital
and Nursing Home

191.2

The Daniels Memorial Hospital & Nursing Home

BOX 400
SCOBEY, MONTANA 59263

OPERATED BY
DANIELS MEMORIAL HOSPITAL ASSOCIATION
BOX 400
SCOBEY, MONTANA 59263

Medicare Provider Number: 270036

MEDICARE HOSPITAL MORTALITY INFORMATION COMMENTS:

As submitted by Daniels Memorial Hospital

The purpose of the Medicare Hospital Mortality Information is to provide Medicare beneficiaries with meaningful information to assess quality of care.

This information is presented as observed and predicted mortality rates. It is critical to gauge whether the difference between the observed and predicted mortality rates is meaningful. Because not all differences are meaningful, and because it is the meaningful differences that are more likely to indicate a quality problem, standard deviation statistics are used to calculate the extent to which any difference between the observed and predicted mortality rates are meaningful.

However, for Daniels Memorial Hospital, the number of cases is too small to permit satisfactory estimation of the standard deviation. As quoted by the Health Care Financing Administration, "The precision and interpretability of our estimates are questionable when there are no deaths or 50 or fewer cases in a particular category being analyzed. For these instances, and asterisk, "*", is placed in the standard deviation (SD) columns."

A meaningful interpretation of the statistical data presented for Daniels Memorial Hospital is **not** possible. **No** inference as to the quality of care provided by Daniels Memorial Hospital can be derived from the Medicare hospital mortality information.

Respectfully submitted,

Greg L. Maurer

Greg L. Maurer
Administrator
Daniels Memorial Hospital
and Nursing Home

DEACONESS MEDICAL CENTER OF BILLINGS

Broadway at 9th Ave N, P O Box 3700
Billings, MT 59107

Medicare Provider Number: 270004

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,720	5.7	7.1	0.8	9.1	11.2	1.0	11.4	14.5	1.5
CONDITIONS:										
Acute Myocardial Infarction	71	12.7	26.5	7.7	16.9	29.2	8.2	18.3	32.4	8.1
Congestive Heart Failure	109	15.6	14.9	3.5	23.9	23.4	4.4	27.5	30.4	5.8
Pneumonia/Influenza	64	9.4	15.0	6.9	15.6	20.6	8.3	18.8	25.0	9.3
Chronic Obstructive Pulmonary Disease	43	9.3	6.7	*	11.6	12.7	*	11.6	18.0	*
Transient Cerebral Ischemia	29	0.0	2.1	*	0.0	4.8	*	0.0	7.6	*
Stroke	67	19.4	19.4	4.9	22.4	25.6	7.1	25.4	30.1	9.3
Hip Fracture	56	5.4	5.4	3.1	8.9	9.9	4.1	14.3	13.0	4.8
Sepsis	18	27.8	24.8	*	33.3	32.9	*	38.9	39.8	*
PROCEDURES:										
Angioplasty	55	5.5	3.7	2.9	7.3	4.6	3.4	7.3	5.8	3.5
Coronary Artery Bypass Graft	159	1.9	6.2	2.5	3.1	8.8	3.2	3.8	10.5	3.7
Initial Pacemaker Insertion	34	2.9	4.0	*	5.9	7.0	*	5.9	9.6	*
Carotid Endarterectomy	31	0.0	1.3	*	0.0	2.3	*	0.0	3.4	*
Hip Replacement/Reconstruction	60	0.0	2.6	3.0	5.0	4.2	3.8	6.7	5.5	4.1
Open Reduction of Hip Fracture	35	8.6	5.0	*	11.4	9.4	*	20.0	12.5	*
Prostatectomy	97	2.1	0.8	1.4	3.1	1.9	1.8	3.1	3.3	2.2
Cholecystectomy	52	3.8	2.5	4.9	11.5	4.8	4.9	11.5	6.6	5.1
Hysterectomy	12	0.0	1.2	*	0.0	2.6	*	0.0	4.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	266
Occupancy Rate	71
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

DEACONESS MEDICAL CENTER OF BILLINGS

Medicare Provider Number: 270004

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,649	7.6	8.0	0.6	11.6	12.6	0.9	14.9	16.2	1.1
CONDITIONS:										
Acute Myocardial Infarction	66	22.7	27.8	6.4	22.7	30.9	7.5	24.2	34.3	8.7
Congestive Heart Failure	91	23.1	15.0	4.8	33.0	23.5	6.4	45.1	30.4	7.8
Pneumonia/Influenza	75	17.3	16.0	4.5	21.3	22.2	4.8	24.0	26.9	6.2
Chronic Obstructive Pulmonary Disease	49	8.2	7.2	*	18.4	12.7	*	28.6	17.6	*
Transient Cerebral Ischemia	24	0.0	1.8	*	4.2	4.0	*	8.3	6.3	*
Stroke	67	25.4	21.8	5.6	28.4	28.1	5.7	29.9	32.7	6.0
Hip Fracture	60	5.0	6.4	3.8	10.0	11.7	5.9	11.7	15.2	7.3
Sepsis	19	21.1	23.0	*	36.8	31.8	*	42.1	38.6	*
PROCEDURES:										
Angioplasty	48	2.1	3.2	*	2.1	4.1	*	2.1	5.3	*
Coronary Artery Bypass Graft	183	4.4	6.1	2.9	5.5	8.3	3.1	6.6	9.7	3.2
Initial Pacemaker Insertion	29	3.4	4.8	*	6.9	8.0	*	6.9	11.3	*
Carotid Endarterectomy	22	0.0	1.2	*	4.5	2.2	*	4.5	3.1	*
Hip Replacement/Reconstruction	70	1.4	2.2	1.8	4.3	4.3	2.9	4.3	6.0	3.1
Open Reduction of Hip Fracture	30	6.7	5.6	*	10.0	10.9	*	13.3	14.5	*
Prostatectomy	91	0.0	0.9	1.4	2.2	2.1	1.7	2.2	3.5	3.3
Cholecystectomy	47	4.3	3.7	*	4.3	6.9	*	6.4	9.0	*
Hysterectomy	27	0.0	1.1	*	3.7	2.4	*	3.7	3.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,491	6.5	8.2	1.9	10.9	12.9	2.3	13.7	16.6	3.1
CONDITIONS:										
Acute Myocardial Infarction	63	25.4	30.3	7.0	30.2	33.5	6.3	31.7	37.1	6.5
Congestive Heart Failure	76	14.5	16.1	6.2	21.1	24.3	8.0	28.9	31.2	7.0
Pneumonia/Influenza	66	15.2	16.5	4.8	19.7	23.0	5.9	21.2	28.1	7.4
Chronic Obstructive Pulmonary Disease	72	5.6	9.6	4.3	16.7	16.6	4.5	26.4	22.2	5.7
Transient Cerebral Ischemia	23	4.3	1.5	*	8.7	3.2	*	8.7	4.9	*
Stroke	56	16.1	20.7	7.7	23.2	27.7	11.3	25.0	32.4	11.7
Hip Fracture	45	4.4	6.3	*	6.7	12.0	*	6.7	16.2	*
Sepsis	9	22.2	17.4	*	22.2	25.9	*	22.2	32.6	*
PROCEDURES:										
Angioplasty	20	5.0	4.1	*	5.0	5.4	*	5.0	6.9	*
Coronary Artery Bypass Graft	123	4.1	7.1	3.2	4.9	9.9	3.7	4.9	11.5	4.0
Initial Pacemaker Insertion	33	3.0	3.8	*	3.0	7.7	*	6.1	11.1	*
Carotid Endarterectomy	16	0.0	1.5	*	0.0	2.8	*	0.0	4.0	*
Hip Replacement/Reconstruction	61	0.0	2.4	2.8	3.3	4.6	3.5	3.3	6.0	4.1
Open Reduction of Hip Fracture	27	3.7	5.2	*	3.7	10.5	*	3.7	14.6	*
Prostatectomy	89	0.0	0.8	1.2	2.2	2.1	2.1	2.2	3.6	2.9
Cholecystectomy	44	4.5	2.5	*	6.8	4.6	*	9.1	6.0	*
Hysterectomy	23	0.0	0.5	*	4.3	1.1	*	4.3	1.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FALLON COUNTY MEDICAL COMPLEX

P O Box 820
Baker, MT 59313

Medicare Provider Number: 270052

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	50	6.0	13.5	*	12.0	18.9	*	14.0	23.3	*
CONDITIONS:										
Acute Myocardial Infarction	4	25.0	37.6	*	25.0	40.9	*	25.0	44.7	*
Congestive Heart Failure	3	0.0	18.2	*	0.0	26.8	*	0.0	33.4	*
Pneumonia/Influenza	7	28.6	16.9	*	28.6	23.4	*	28.6	28.1	*
Chronic Obstructive Pulmonary Disease	3	0.0	4.7	*	33.3	9.7	*	33.3	14.7	*
Transient Cerebral Ischemia	0									
Stroke	2	0.0	21.3	*	0.0	27.3	*	0.0	32.3	*
Hip Fracture	0									
Sepsis	1	0.0	37.6	*	0.0	45.1	*	0.0	52.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	44
Occupancy Rate	77
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	1
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

FALLON COUNTY MEDICAL COMPLEX

Medicare Provider Number: 270052

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	68	10.3	9.1	3.9	13.2	13.9	4.3	16.2	17.6	4.8
CONDITIONS:										
Acute Myocardial Infarction	4	50.0	36.3	*	50.0	40.4	*	50.0	45.1	*
Congestive Heart Failure	1	0.0	14.9	*	0.0	23.1	*	0.0	29.9	*
Pneumonia/Influenza	7	42.9	21.6	*	57.1	28.6	*	57.1	33.6	*
Chronic Obstructive Pulmonary Disease	1	0.0	4.7	*	0.0	8.9	*	0.0	12.6	*
Transient Cerebral Ischemia	1	0.0	1.8	*	0.0	3.5	*	0.0	5.3	*
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	58	3.4	12.4	5.8	8.6	17.3	6.6	10.3	21.2	7.2
CONDITIONS:										
Acute Myocardial Infarction	3	33.3	34.0	*	33.3	36.8	*	33.3	40.4	*
Congestive Heart Failure	4	0.0	30.2	*	0.0	42.8	*	0.0	51.2	*
Pneumonia/Influenza	7	0.0	21.8	*	0.0	30.4	*	0.0	36.0	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	2	0.0	2.0	*	0.0	4.4	*	0.0	7.2	*
Stroke	2	0.0	19.6	*	50.0	24.6	*	100.0	29.1	*
Hip Fracture	1	0.0	2.9	*	0.0	5.4	*	0.0	7.1	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FRANCES MAHON DEACONESS HOSPITAL

621 Third St South
Glasgow, MT 59230

Medicare Provider Number: 270044

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	228	7.0	9.7	3.0	10.5	14.6	4.2	14.5	18.7	4.4
CONDITIONS:										
Acute Myocardial Infarction	7	28.6	22.7	*	28.6	26.5	*	28.6	30.0	*
Congestive Heart Failure	12	8.3	13.9	*	16.7	21.4	*	25.0	28.0	*
Pneumonia/Influenza	16	18.8	17.9	*	18.8	24.4	*	18.8	29.4	*
Chronic Obstructive Pulmonary Disease	10	10.0	6.3	*	10.0	11.5	*	20.0	16.3	*
Transient Cerebral Ischemia	3	0.0	3.5	*	0.0	8.4	*	33.3	13.9	*
Stroke	8	25.0	20.9	*	25.0	27.1	*	25.0	31.8	*
Hip Fracture	0									
Sepsis	3	0.0	32.4	*	0.0	43.5	*	0.0	50.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	6	0.0	2.5	*	0.0	4.1	*	0.0	5.0	*
Hysterectomy	2	0.0	2.2	*	0.0	5.8	*	0.0	9.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	54
Occupancy Rate	54
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	9
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

FRANCES MAHON DEACONESS HOSPITAL

Medicare Provider Number: 270044

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	253	11.1	11.0	2.0	13.4	15.9	2.5	15.4	19.9	3.0
CONDITIONS:										
Acute Myocardial Infarction	9	11.1	27.2	*	11.1	30.7	*	11.1	34.2	*
Congestive Heart Failure	10	10.0	13.6	*	20.0	21.5	*	20.0	28.4	*
Pneumonia/Influenza	20	15.0	19.6	*	15.0	26.8	*	15.0	32.0	*
Chronic Obstructive Pulmonary Disease	5	0.0	8.6	*	0.0	14.8	*	0.0	20.2	*
Transient Cerebral Ischemia	7	0.0	1.7	*	0.0	3.8	*	0.0	6.1	*
Stroke	12	16.7	24.3	*	25.0	31.4	*	25.0	36.7	*
Hip Fracture	2	50.0	9.2	*	50.0	15.9	*	50.0	19.4	*
Sepsis	1	0.0	23.8	*	0.0	35.3	*	0.0	42.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	5	0.0	8.2	*	20.0	15.0	*	20.0	18.7	*
Hysterectomy	4	25.0	4.1	*	25.0	8.7	*	25.0	12.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	224	8.0	8.9	4.3	12.5	13.5	3.8	16.5	17.3	3.3
CONDITIONS:										
Acute Myocardial Infarction	12	33.3	28.0	*	33.3	32.8	*	33.3	36.5	*
Congestive Heart Failure	8	12.5	14.9	*	37.5	22.0	*	37.5	28.3	*
Pneumonia/Influenza	7	0.0	13.3	*	0.0	18.2	*	14.3	22.5	*
Chronic Obstructive Pulmonary Disease	3	0.0	9.6	*	0.0	15.0	*	0.0	19.3	*
Transient Cerebral Ischemia	8	0.0	1.6	*	0.0	3.7	*	0.0	5.9	*
Stroke	11	45.5	26.7	*	45.5	32.5	*	45.5	37.3	*
Hip Fracture	0									
Sepsis	2	50.0	29.6	*	50.0	37.8	*	50.0	45.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	5	0.0	1.5	*	0.0	2.5	*	0.0	3.3	*
Hysterectomy	2	0.0	0.3	*	0.0	0.6	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

GLACIER COUNTY MEDICAL CENTER

802 2nd St S E
Cut Bank, MT 59427

Medicare Provider Number: 270082

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	95	4.2	6.6	3.4	8.4	10.2	3.9	15.8	13.2	4.4
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	26.4	*	0.0	30.3	*	0.0	35.5	*
Congestive Heart Failure	4	0.0	12.0	*	0.0	19.2	*	25.0	25.0	*
Pneumonia/Influenza	21	9.5	13.3	*	23.8	19.6	*	28.6	24.3	*
Chronic Obstructive Pulmonary Disease	2	0.0	6.7	*	0.0	11.5	*	0.0	16.3	*
Transient Cerebral Ischemia	2	0.0	1.8	*	0.0	3.8	*	0.0	6.1	*
Stroke	0									
Hip Fracture	3	66.7	2.9	*	66.7	6.0	*	66.7	8.7	*
Sepsis	1	0.0	22.2	*	0.0	26.8	*	0.0	32.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	100.0	2.6	*	100.0	5.2	*	100.0	7.4	*
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	0.9	*	0.0	1.6	*	0.0	2.4	*
Hysterectomy	1	0.0	0.4	*	0.0	0.8	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	59
Occupancy Rate	68
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	1
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

GLACIER COUNTY MEDICAL CENTER

Medicare Provider Number: 270082

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	117	6.8	5.0	2.3	11.1	8.0	3.1	13.7	10.7	4.9
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	6	16.7	11.2	*	16.7	17.7	*	16.7	23.5	*
Pneumonia/Influenza	10	10.0	14.3	*	20.0	20.5	*	30.0	25.5	*
Chronic Obstructive Pulmonary Disease	2	0.0	13.0	*	50.0	20.4	*	50.0	27.9	*
Transient Cerebral Ischemia	0									
Stroke	1	100.0	18.4	*	100.0	23.9	*	100.0	28.7	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	3	0.0	0.5	*	0.0	1.2	*	0.0	1.9	*
Cholecystectomy	1	0.0	0.7	*	0.0	1.4	*	0.0	2.1	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	133	6.0	5.4	2.1	9.0	8.9	3.1	12.0	11.9	3.6
CONDITIONS:										
Acute Myocardial Infarction	2	50.0	37.8	*	50.0	41.3	*	50.0	46.0	*
Congestive Heart Failure	9	11.1	10.2	*	22.2	16.4	*	22.2	21.9	*
Pneumonia/Influenza	9	0.0	14.8	*	11.1	20.9	*	11.1	25.6	*
Chronic Obstructive Pulmonary Disease	4	0.0	4.5	*	0.0	8.2	*	0.0	11.4	*
Transient Cerebral Ischemia	0									
Stroke	2	0.0	14.8	*	0.0	19.4	*	0.0	23.4	*
Hip Fracture	1	0.0	1.6	*	0.0	3.4	*	0.0	4.9	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	1.4	*	0.0	3.2	*	0.0	4.7	*
Open Reduction of Hip Fracture	0									
Prostatectomy	3	0.0	0.7	*	0.0	1.7	*	0.0	3.0	*
Cholecystectomy	2	0.0	0.6	*	0.0	1.2	*	0.0	1.7	*
Hysterectomy	1	0.0	0.7	*	0.0	1.2	*	0.0	1.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

GLENDIVE MEDICAL CENTER

202 Prospect Drive
Glendive, MT 59330

Medicare Provider Number: 270048

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	238	8.8	11.8	3.4	12.2	17.6	5.9	16.4	21.9	6.5
CONDITIONS:										
Acute Myocardial Infarction	12	50.0	30.8	*	50.0	34.7	*	50.0	38.2	*
Congestive Heart Failure	10	0.0	19.4	*	0.0	30.0	*	20.0	38.0	*
Pneumonia/Influenza	9	0.0	16.8	*	22.2	24.0	*	22.2	29.5	*
Chronic Obstructive Pulmonary Disease	4	25.0	7.6	*	25.0	13.4	*	25.0	18.5	*
Transient Cerebral Ischemia	5	0.0	2.3	*	0.0	5.5	*	0.0	9.5	*
Stroke	12	8.3	22.5	*	8.3	31.4	*	8.3	36.7	*
Hip Fracture	3	0.0	11.0	*	0.0	20.1	*	66.7	26.2	*
Sepsis	3	0.0	25.6	*	0.0	35.1	*	0.0	41.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	2.3	*	0.0	4.4	*	0.0	5.8	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	121
Occupancy Rate	80
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

GLENDIVE MEDICAL CENTER

Medicare Provider Number: 270048

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	235	13.6	11.8	2.8	15.7	17.7	2.7	17.9	22.2	3.3
CONDITIONS:										
Acute Myocardial Infarction	10	30.0	32.9	*	30.0	37.1	*	30.0	41.2	*
Congestive Heart Failure	15	20.0	18.2	*	20.0	25.2	*	20.0	31.4	*
Pneumonia/Influenza	5	20.0	19.5	*	20.0	25.4	*	20.0	30.2	*
Chronic Obstructive Pulmonary Disease	9	11.1	11.2	*	11.1	19.0	*	22.2	25.4	*
Transient Cerebral Ischemia	4	0.0	2.2	*	0.0	5.0	*	0.0	8.3	*
Stroke	12	41.7	28.0	*	41.7	35.8	*	41.7	41.0	*
Hip Fracture	4	25.0	6.7	*	25.0	11.6	*	25.0	14.4	*
Sepsis	5	20.0	24.7	*	20.0	33.4	*	20.0	39.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	4.7	*	0.0	9.8	*	0.0	13.8	*
Prostatectomy	0									
Cholecystectomy	4	0.0	2.4	*	0.0	4.2	*	0.0	5.2	*
Hysterectomy	1	0.0	0.5	*	0.0	0.8	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	245	4.9	11.8	8.4	10.6	17.6	9.6	15.1	22.1	11.7
CONDITIONS:										
Acute Myocardial Infarction	11	18.2	32.0	*	27.3	36.6	*	45.5	40.6	*
Congestive Heart Failure	8	12.5	15.6	*	25.0	23.6	*	25.0	30.6	*
Pneumonia/Influenza	16	6.3	14.9	*	6.3	19.9	*	12.5	24.1	*
Chronic Obstructive Pulmonary Disease	8	0.0	8.5	*	12.5	14.9	*	37.5	20.0	*
Transient Cerebral Ischemia	6	0.0	2.0	*	0.0	4.5	*	0.0	7.4	*
Stroke	14	7.1	25.0	*	21.4	32.0	*	42.9	37.5	*
Hip Fracture	2	0.0	6.3	*	0.0	11.9	*	0.0	16.0	*
Sepsis	8	12.5	24.4	*	12.5	31.9	*	25.0	37.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	6.4	*	0.0	13.1	*	0.0	18.5	*
Prostatectomy	0									
Cholecystectomy	1	0.0	1.3	*	0.0	2.2	*	0.0	2.8	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

GRANITE COUNTY MEMORIAL HOSPITAL

P O Box 729
Philipsburg, MT 59858

Medicare Provider Number: 270047

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	17	5.9	10.9	*	5.9	16.4	*	11.8	21.0	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	2	0.0	21.0	*	0.0	31.4	*	50.0	39.7	*
Pneumonia/Influenza	3	33.3	15.4	*	33.3	22.7	*	33.3	28.7	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	4	0.0	17.3	*	0.0	23.4	*	0.0	28.3	*
Hip Fracture	1	0.0	3.8	*	0.0	6.9	*	0.0	9.2	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	23
Occupancy Rate	100
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	2
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

GRANITE COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 270047

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	26	3.8	9.2	*	7.7	13.4	*	11.5	16.8	*
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	50.7	*	0.0	54.6	*	0.0	59.6	*
Congestive Heart Failure	1	0.0	22.4	*	0.0	34.8	*	100.0	45.0	*
Pneumonia/Influenza	5	0.0	7.9	*	0.0	11.0	*	0.0	13.9	*
Chronic Obstructive Pulmonary Disease	1	0.0	10.2	*	0.0	16.1	*	0.0	21.4	*
Transient Cerebral Ischemia	0									
Stroke	1	0.0	18.2	*	0.0	24.7	*	0.0	30.0	*
Hip Fracture	1	0.0	4.5	*	0.0	8.7	*	0.0	11.7	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	45	8.9	8.8	*	11.1	12.9	*	15.6	16.8	*
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	22.4	*	0.0	24.1	*	0.0	26.4	*
Congestive Heart Failure	4	25.0	21.4	*	25.0	31.4	*	25.0	40.3	*
Pneumonia/Influenza	10	10.0	10.4	*	10.0	14.9	*	20.0	18.9	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	0.0	2.6	*	0.0	6.3	*	0.0	10.4	*
Stroke	4	0.0	19.2	*	0.0	26.0	*	25.0	31.5	*
Hip Fracture	1	0.0	7.7	*	0.0	14.9	*	0.0	20.6	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOLY ROSARY HOSPITAL

2101 Clark St
Miles City, MT 59301

Medicare Provider Number: 270002

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	512	7.0	8.6	2.9	12.7	13.4	3.1	14.1	17.0	5.1
CONDITIONS:										
Acute Myocardial Infarction	21	28.6	28.6	*	33.3	32.0	*	33.3	35.9	*
Congestive Heart Failure	31	12.9	15.6	*	16.1	24.4	*	19.4	31.4	*
Pneumonia/Influenza	11	18.2	14.2	*	36.4	19.5	*	45.5	24.2	*
Chronic Obstructive Pulmonary Disease	12	0.0	6.9	*	16.7	11.5	*	16.7	15.7	*
Transient Cerebral Ischemia	6	0.0	1.6	*	0.0	3.7	*	0.0	6.0	*
Stroke	13	30.8	20.5	*	30.8	27.1	*	30.8	31.8	*
Hip Fracture	26	3.8	5.5	*	11.5	10.0	*	11.5	13.3	*
Sepsis	4	75.0	28.2	*	75.0	33.8	*	75.0	39.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	1.4	*	0.0	3.0	*	0.0	4.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	13	7.7	5.0	*	15.4	9.4	*	15.4	12.6	*
Open Reduction of Hip Fracture	11	0.0	4.0	*	0.0	7.8	*	0.0	10.5	*
Prostatectomy	0									
Cholecystectomy	8	0.0	1.3	*	0.0	2.1	*	0.0	2.7	*
Hysterectomy	1	0.0	0.3	*	0.0	0.5	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	52
Occupancy Rate	50
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HOLY ROSARY HOSPITAL

Medicare Provider Number: 270002

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	465	10.3	9.0	1.5	15.3	14.3	1.8	17.4	18.5	1.9
CONDITIONS:										
Acute Myocardial Infarction	14	64.3	28.0	*	64.3	31.7	*	64.3	35.4	*
Congestive Heart Failure	29	13.8	16.8	*	31.0	26.4	*	34.5	33.7	*
Pneumonia/Influenza	12	25.0	14.2	*	50.0	20.3	*	50.0	25.2	*
Chronic Obstructive Pulmonary Disease	6	33.3	7.2	*	33.3	12.6	*	33.3	17.5	*
Transient Cerebral Ischemia	5	0.0	3.0	*	0.0	7.1	*	0.0	11.6	*
Stroke	13	30.8	18.0	*	30.8	25.4	*	38.5	30.1	*
Hip Fracture	22	4.5	6.8	*	9.1	12.7	*	13.6	16.6	*
Sepsis	8	25.0	20.9	*	37.5	29.5	*	37.5	35.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	50.0	2.9	*	50.0	5.2	*	50.0	7.8	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	8.3	*	0.0	15.6	*	50.0	19.7	*
Open Reduction of Hip Fracture	14	7.1	5.8	*	14.3	11.3	*	14.3	15.3	*
Prostatectomy	8	0.0	1.1	*	0.0	2.5	*	0.0	4.1	*
Cholecystectomy	8	0.0	4.5	*	0.0	7.7	*	0.0	9.9	*
Hysterectomy	5	0.0	0.4	*	0.0	0.6	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	493	7.1	8.2	4.6	10.3	12.6	4.9	11.6	16.3	6.2
CONDITIONS:										
Acute Myocardial Infarction	13	23.1	24.3	*	23.1	27.1	*	23.1	30.7	*
Congestive Heart Failure	40	7.5	15.7	*	15.0	24.7	*	17.5	32.0	*
Pneumonia/Influenza	15	33.3	14.1	*	40.0	19.8	*	46.7	24.6	*
Chronic Obstructive Pulmonary Disease	10	0.0	8.8	*	0.0	15.9	*	0.0	21.9	*
Transient Cerebral Ischemia	2	0.0	2.9	*	50.0	6.8	*	50.0	11.4	*
Stroke	16	37.5	21.6	*	37.5	29.4	*	37.5	34.5	*
Hip Fracture	12	16.7	5.3	*	16.7	10.0	*	25.0	13.1	*
Sepsis	5	60.0	28.0	*	60.0	36.2	*	60.0	42.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	5.7	*	0.0	12.0	*	0.0	17.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	33.3	7.0	*	33.3	13.6	*	33.3	17.8	*
Open Reduction of Hip Fracture	9	11.1	3.9	*	11.1	7.8	*	22.2	10.5	*
Prostatectomy	15	0.0	2.6	*	0.0	6.3	*	0.0	10.4	*
Cholecystectomy	12	0.0	3.3	*	0.0	5.3	*	0.0	6.3	*
Hysterectomy	1	0.0	0.6	*	0.0	1.0	*	0.0	1.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

KALISPELL REGIONAL HOSPITAL

310 Sunnyview Lane
Kalispell, MT 59901

Medicare Provider Number: 270051

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,362	6.1	8.0	1.4	9.9	12.4	1.7	13.0	15.9	1.9
CONDITIONS:										
Acute Myocardial Infarction	40	17.5	27.6	*	17.5	30.8	*	20.0	34.4	*
Congestive Heart Failure	46	6.5	15.5	*	15.2	24.6	*	23.9	32.0	*
Pneumonia/Influenza	35	8.6	12.4	*	14.3	17.4	*	17.1	21.4	*
Chronic Obstructive Pulmonary Disease	38	18.4	8.7	*	23.7	14.7	*	28.9	19.8	*
Transient Cerebral Ischemia	15	0.0	1.8	*	0.0	4.0	*	0.0	6.4	*
Stroke	35	20.0	20.0	*	20.0	25.6	*	20.0	30.0	*
Hip Fracture	28	7.1	5.7	*	10.7	10.3	*	14.3	13.6	*
Sepsis	7	42.9	37.5	*	42.9	46.3	*	42.9	54.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	2.5	*	0.0	4.9	*	0.0	7.2	*
Carotid Endarterectomy	9	0.0	1.3	*	0.0	2.4	*	0.0	3.6	*
Hip Replacement/Reconstruction	37	0.0	1.8	*	2.7	3.4	*	2.7	4.7	*
Open Reduction of Hip Fracture	2	50.0	5.5	*	50.0	9.9	*	50.0	12.7	*
Prostatectomy	80	0.0	0.9	1.4	2.5	2.3	1.7	5.0	4.0	2.4
Cholecystectomy	30	3.3	2.0	*	3.3	3.7	*	6.7	4.9	*
Hysterectomy	22	0.0	0.4	*	0.0	0.8	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	100
Occupancy Rate	67
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	201
Licensed Practical Nurses	19

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

KALISPELL REGIONAL HOSPITAL

Medicare Provider Number: 270051

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,212	7.5	9.4	1.0	10.7	14.2	1.4	14.1	17.9	1.5
CONDITIONS:										
Acute Myocardial Infarction	42	21.4	27.4	*	23.8	30.2	*	23.8	33.7	*
Congestive Heart Failure	48	20.8	17.5	*	27.1	26.1	*	35.4	33.1	*
Pneumonia/Influenza	30	10.0	11.7	*	10.0	16.6	*	13.3	20.3	*
Chronic Obstructive Pulmonary Disease	19	5.3	8.2	*	10.5	13.8	*	15.8	18.9	*
Transient Cerebral Ischemia	9	0.0	2.4	*	0.0	5.5	*	11.1	8.8	*
Stroke	45	17.8	24.1	*	22.2	30.0	*	26.7	34.6	*
Hip Fracture	34	2.9	5.8	*	5.9	10.9	*	8.8	14.2	*
Sepsis	8	12.5	35.3	*	12.5	42.2	*	12.5	48.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	9.1	*	0.0	12.2	*	0.0	15.7	*
Carotid Endarterectomy	8	0.0	1.2	*	0.0	2.4	*	0.0	3.4	*
Hip Replacement/Reconstruction	27	0.0	2.9	*	3.7	5.7	*	7.4	7.7	*
Open Reduction of Hip Fracture	5	0.0	4.5	*	0.0	8.8	*	0.0	12.0	*
Prostatectomy	88	0.0	1.0	1.4	2.3	2.5	2.2	2.3	4.2	3.3
Cholecystectomy	29	0.0	3.5	*	3.4	5.9	*	6.9	7.6	*
Hysterectomy	15	0.0	0.9	*	0.0	1.7	*	6.7	2.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,295	6.8	7.5	1.0	10.1	11.4	1.3	12.4	14.7	1.9
CONDITIONS:										
Acute Myocardial Infarction	35	17.1	29.0	*	20.0	31.9	*	22.9	35.1	*
Congestive Heart Failure	44	18.2	17.1	*	29.5	25.7	*	34.1	32.8	*
Pneumonia/Influenza	32	12.5	12.0	*	12.5	16.7	*	15.6	20.5	*
Chronic Obstructive Pulmonary Disease	29	13.8	8.5	*	27.6	14.3	*	34.5	18.7	*
Transient Cerebral Ischemia	27	0.0	1.8	*	0.0	3.9	*	0.0	6.1	*
Stroke	45	26.7	22.6	*	31.1	28.7	*	31.1	33.5	*
Hip Fracture	40	7.5	6.3	*	12.5	11.7	*	12.5	15.4	*
Sepsis	3	33.3	27.4	*	33.3	35.0	*	33.3	41.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	2.1	*	0.0	4.3	*	0.0	6.5	*
Carotid Endarterectomy	10	0.0	1.6	*	0.0	3.2	*	0.0	4.6	*
Hip Replacement/Reconstruction	38	2.6	3.4	*	2.6	6.5	*	2.6	8.7	*
Open Reduction of Hip Fracture	12	0.0	4.8	*	8.3	9.3	*	8.3	12.5	*
Prostatectomy	89	0.0	1.0	1.4	1.1	2.4	2.0	2.2	4.0	2.6
Cholecystectomy	31	3.2	2.0	*	3.2	3.8	*	3.2	5.2	*
Hysterectomy	11	0.0	0.7	*	0.0	1.3	*	0.0	1.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

LIBERTY COUNTY HOSPITAL

P O Box 705
Chester, MT 59522

Medicare Provider Number: 270027

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	98	10.2	10.7	4.2	13.3	16.6	4.8	18.4	20.7	4.6
CONDITIONS:										
Acute Myocardial Infarction	3	66.7	32.1	*	66.7	35.3	*	66.7	39.4	*
Congestive Heart Failure	6	16.7	21.1	*	33.3	31.1	*	33.3	38.8	*
Pneumonia/Influenza	7	0.0	16.8	*	14.3	21.9	*	14.3	26.1	*
Chronic Obstructive Pulmonary Disease	1	0.0	8.4	*	0.0	15.5	*	0.0	21.6	*
Transient Cerebral Ischemia	1	0.0	1.3	*	0.0	2.9	*	0.0	4.6	*
Stroke	4	0.0	17.7	*	0.0	23.4	*	0.0	27.6	*
Hip Fracture	3	0.0	7.1	*	0.0	13.8	*	0.0	18.8	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	2.9	*	0.0	5.7	*	0.0	7.8	*
Open Reduction of Hip Fracture	1	0.0	13.2	*	0.0	27.1	*	0.0	38.0	*
Prostatectomy	0									
Cholecystectomy	1	0.0	0.4	*	0.0	0.7	*	0.0	0.9	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	51
Occupancy Rate	75
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	4
Percent of Physicians Board Certified Specialists	75
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

LIBERTY COUNTY HOSPITAL

Medicare Provider Number: 270027

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	94	9.6	10.5	3.4	13.8	15.7	4.3	13.8	19.5	7.2
CONDITIONS:										
Acute Myocardial Infarction	10	30.0	34.2	*	40.0	39.2	*	40.0	43.3	*
Congestive Heart Failure	7	0.0	14.6	*	0.0	22.0	*	0.0	28.2	*
Pneumonia/Influenza	3	33.3	22.4	*	33.3	29.2	*	33.3	34.4	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	0.0	2.5	*	0.0	5.8	*	0.0	9.4	*
Stroke	1	100.0	39.7	*	100.0	49.3	*	100.0	55.9	*
Hip Fracture	3	0.0	16.6	*	33.3	29.5	*	33.3	36.4	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	18.7	*	50.0	35.0	*	50.0	44.0	*
Open Reduction of Hip Fracture	1	0.0	8.7	*	0.0	15.4	*	0.0	19.3	*
Prostatectomy	0									
Cholecystectomy	1	0.0	0.5	*	0.0	0.9	*	0.0	1.2	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	81	11.1	10.5	3.7	19.8	16.2	5.5	22.2	20.5	4.8
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	47.1	*	100.0	56.5	*	100.0	62.5	*
Congestive Heart Failure	1	100.0	13.6	*	100.0	21.5	*	100.0	28.3	*
Pneumonia/Influenza	6	33.3	19.2	*	33.3	25.1	*	33.3	29.8	*
Chronic Obstructive Pulmonary Disease	1	0.0	11.3	*	100.0	21.2	*	100.0	29.5	*
Transient Cerebral Ischemia	1	0.0	1.2	*	0.0	2.5	*	0.0	3.9	*
Stroke	4	0.0	21.5	*	0.0	26.7	*	0.0	30.8	*
Hip Fracture	4	0.0	5.9	*	25.0	12.1	*	25.0	16.9	*
Sepsis	1	0.0	19.2	*	100.0	29.3	*	100.0	34.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	5.2	*	33.3	11.0	*	33.3	15.8	*
Open Reduction of Hip Fracture	1	0.0	5.8	*	0.0	12.1	*	0.0	16.8	*
Prostatectomy	0									
Cholecystectomy	2	0.0	0.9	*	0.0	1.4	*	0.0	1.9	*
Hysterectomy	1	0.0	0.9	*	0.0	2.1	*	0.0	3.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

LIVINGSTON MEMORIAL HOSPITAL

504 S 13th St
Livingston, MT 59047

Medicare Provider Number: 270080

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	352	13.6	11.0	2.4	18.8	16.8	2.4	22.4	21.3	4.0
CONDITIONS:										
Acute Myocardial Infarction	8	37.5	29.9	*	50.0	32.9	*	50.0	36.5	*
Congestive Heart Failure	9	22.2	10.9	*	33.3	17.2	*	44.4	22.9	*
Pneumonia/Influenza	18	5.6	14.4	*	5.6	19.9	*	27.8	24.4	*
Chronic Obstructive Pulmonary Disease	13	7.7	9.6	*	30.8	18.2	*	30.8	25.5	*
Transient Cerebral Ischemia	6	0.0	1.9	*	0.0	4.5	*	0.0	7.5	*
Stroke	14	21.4	24.0	*	28.6	30.3	*	35.7	34.9	*
Hip Fracture	16	18.8	5.3	*	25.0	10.1	*	25.0	13.5	*
Sepsis	7	28.6	32.7	*	42.9	41.5	*	42.9	49.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.4	*	0.0	2.9	*	0.0	4.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	25.0	4.0	*	25.0	8.2	*	25.0	11.5	*
Open Reduction of Hip Fracture	6	16.7	4.7	*	16.7	9.4	*	16.7	12.9	*
Prostatectomy	0									
Cholecystectomy	14	0.0	0.8	*	0.0	1.4	*	0.0	1.9	*
Hysterectomy	3	0.0	0.4	*	0.0	0.6	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	36
Occupancy Rate	37
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

LIVINGSTON MEMORIAL HOSPITAL

Medicare Provider Number: 270080

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	404	8.9	11.0	2.6	13.9	16.4	2.9	18.6	20.6	2.8
CONDITIONS:										
Acute Myocardial Infarction	12	33.3	31.5	*	33.3	34.7	*	33.3	38.5	*
Congestive Heart Failure	26	11.5	14.4	*	26.9	22.5	*	30.8	29.1	*
Pneumonia/Influenza	19	5.3	16.8	*	10.5	23.0	*	15.8	27.9	*
Chronic Obstructive Pulmonary Disease	9	11.1	6.7	*	22.2	11.9	*	33.3	17.0	*
Transient Cerebral Ischemia	7	0.0	1.2	*	0.0	2.7	*	0.0	4.3	*
Stroke	9	11.1	24.7	*	11.1	32.4	*	11.1	37.5	*
Hip Fracture	7	14.3	5.8	*	14.3	10.5	*	28.6	13.7	*
Sepsis	8	37.5	33.8	*	50.0	41.2	*	50.0	48.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	11.0	*	0.0	18.8	*	0.0	24.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	20.0	6.1	*	20.0	11.2	*	40.0	14.6	*
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	13	0.0	1.7	*	0.0	3.1	*	0.0	4.1	*
Hysterectomy	2	0.0	0.6	*	0.0	1.0	*	0.0	1.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	400	11.7	10.6	2.8	16.7	16.0	3.6	21.0	20.2	4.3
CONDITIONS:										
Acute Myocardial Infarction	18	44.4	24.9	*	44.4	27.9	*	44.4	31.4	*
Congestive Heart Failure	10	10.0	13.9	*	20.0	22.0	*	30.0	29.0	*
Pneumonia/Influenza	15	33.3	16.7	*	46.7	22.7	*	46.7	27.5	*
Chronic Obstructive Pulmonary Disease	5	20.0	6.8	*	20.0	13.5	*	20.0	19.5	*
Transient Cerebral Ischemia	4	0.0	2.7	*	0.0	6.5	*	0.0	11.0	*
Stroke	20	30.0	19.3	*	30.0	25.0	*	40.0	29.7	*
Hip Fracture	18	5.6	5.6	*	11.1	10.8	*	16.7	14.6	*
Sepsis	9	11.1	29.3	*	22.2	37.7	*	22.2	45.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	3.8	*	0.0	7.4	*	20.0	11.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	10	10.0	4.1	*	10.0	8.6	*	20.0	12.1	*
Open Reduction of Hip Fracture	3	0.0	5.8	*	0.0	10.6	*	0.0	13.9	*
Prostatectomy	0									
Cholecystectomy	5	0.0	1.7	*	0.0	3.1	*	0.0	4.1	*
Hysterectomy	1	0.0	2.1	*	0.0	4.8	*	0.0	6.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MADISON VALLEY HOSPITAL

P O Box 397
Ennis, MT 59729

Medicare Provider Number: 270063

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	73	5.5	10.1	5.3	9.6	15.3	6.4	12.3	19.6	7.6
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	6	16.7	13.9	*	33.3	20.4	*	33.3	26.8	*
Pneumonia/Influenza	7	14.3	12.2	*	14.3	17.7	*	28.6	21.6	*
Chronic Obstructive Pulmonary Disease	3	0.0	10.2	*	0.0	17.6	*	0.0	23.7	*
Transient Cerebral Ischemia	1	0.0	3.3	*	0.0	8.4	*	0.0	13.8	*
Stroke	1	0.0	27.6	*	0.0	37.3	*	0.0	42.9	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	11
Occupancy Rate	18
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	3
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MADISON VALLEY HOSPITAL

Medicare Provider Number: 270063

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	65	10.8	11.8	4.3	16.9	16.4	4.6	20.0	20.4	5.2
CONDITIONS:										
Acute Myocardial Infarction	2	0.0	30.2	*	0.0	32.8	*	0.0	36.1	*
Congestive Heart Failure	4	0.0	19.0	*	25.0	27.0	*	25.0	34.1	*
Pneumonia/Influenza	13	23.1	17.4	*	30.8	23.4	*	30.8	28.1	*
Chronic Obstructive Pulmonary Disease	1	0.0	3.9	*	0.0	7.2	*	0.0	10.3	*
Transient Cerebral Ischemia	0									
Stroke	1	100.0	12.7	*	100.0	16.4	*	100.0	19.7	*
Hip Fracture	0									
Sepsis	1	0.0	15.8	*	0.0	21.6	*	0.0	26.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	85	7.1	7.6	6.2	12.9	12.0	5.6	16.5	15.9	5.1
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	23.6	*	0.0	25.8	*	0.0	28.5	*
Congestive Heart Failure	9	22.2	19.2	*	33.3	29.5	*	33.3	37.9	*
Pneumonia/Influenza	9	11.1	11.3	*	22.2	15.6	*	22.2	19.5	*
Chronic Obstructive Pulmonary Disease	4	25.0	8.4	*	25.0	15.5	*	25.0	21.3	*
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	1	0.0	6.9	*	0.0	10.6	*	0.0	14.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MARCUS DALY MEMORIAL HOSPITAL

1200 Westwood Dr
Hamilton, MT 59840

Medicare Provider Number: 270050

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	547	7.5	6.6	2.7	12.1	10.0	4.4	13.2	13.0	2.8
CONDITIONS:										
Acute Myocardial Infarction	12	33.3	26.4	*	41.7	29.7	*	41.7	33.4	*
Congestive Heart Failure	24	8.3	15.5	*	29.2	23.3	*	29.2	30.0	*
Pneumonia/Influenza	17	11.8	11.9	*	17.6	17.1	*	17.6	21.3	*
Chronic Obstructive Pulmonary Disease	8	12.5	7.5	*	50.0	12.5	*	50.0	17.2	*
Transient Cerebral Ischemia	9	11.1	1.8	*	22.2	4.1	*	22.2	6.7	*
Stroke	19	15.8	15.5	*	21.1	20.9	*	21.1	25.2	*
Hip Fracture	17	5.9	4.1	*	5.9	8.0	*	5.9	10.9	*
Sepsis	2	0.0	24.8	*	0.0	30.6	*	0.0	36.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	1.4	*	0.0	3.1	*	0.0	4.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	14	7.1	3.9	*	7.1	7.8	*	7.1	10.8	*
Open Reduction of Hip Fracture	3	0.0	3.4	*	0.0	6.8	*	0.0	9.4	*
Prostatectomy	0									
Cholecystectomy	9	0.0	0.7	*	0.0	1.2	*	0.0	1.7	*
Hysterectomy	8	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	48
Occupancy Rate	35
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	12
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MARCUS DALY MEMORIAL HOSPITAL

Medicare Provider Number: 270050

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	521	8.4	7.2	1.8	13.6	11.4	2.1	17.3	14.9	2.1
CONDITIONS:										
Acute Myocardial Infarction	7	85.7	30.5	*	85.7	33.8	*	85.7	38.2	*
Congestive Heart Failure	24	12.5	15.2	*	29.2	23.0	*	37.5	29.6	*
Pneumonia/Influenza	28	17.9	18.9	*	28.6	25.1	*	28.6	29.7	*
Chronic Obstructive Pulmonary Disease	13	23.1	8.0	*	30.8	14.3	*	30.8	19.7	*
Transient Cerebral Ischemia	10	0.0	2.0	*	0.0	4.5	*	0.0	7.2	*
Stroke	11	54.5	21.6	*	63.6	27.6	*	63.6	32.5	*
Hip Fracture	12	8.3	7.7	*	25.0	14.9	*	25.0	19.9	*
Sepsis	5	40.0	19.6	*	40.0	28.9	*	40.0	35.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	1.0	*	0.0	2.5	*	0.0	4.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	25.0	6.3	*	25.0	13.1	*	25.0	17.9	*
Open Reduction of Hip Fracture	5	0.0	4.1	*	0.0	8.4	*	0.0	11.7	*
Prostatectomy	0									
Cholecystectomy	13	7.7	0.8	*	7.7	1.7	*	7.7	2.4	*
Hysterectomy	7	0.0	0.6	*	0.0	1.4	*	0.0	2.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	507	8.7	7.8	1.3	12.6	11.9	1.7	16.8	15.2	2.3
CONDITIONS:										
Acute Myocardial Infarction	12	41.7	29.2	*	41.7	32.2	*	41.7	36.0	*
Congestive Heart Failure	12	8.3	16.6	*	16.7	26.1	*	25.0	34.0	*
Pneumonia/Influenza	19	21.1	23.3	*	21.1	31.3	*	21.1	36.5	*
Chronic Obstructive Pulmonary Disease	11	0.0	6.3	*	9.1	11.5	*	18.2	16.0	*
Transient Cerebral Ischemia	2	0.0	3.1	*	0.0	7.5	*	0.0	12.5	*
Stroke	17	23.5	17.6	*	29.4	22.8	*	29.4	27.3	*
Hip Fracture	14	0.0	5.0	*	0.0	9.7	*	21.4	13.1	*
Sepsis	3	33.3	28.8	*	33.3	35.3	*	33.3	40.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	0.8	*	0.0	1.6	*	0.0	2.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	0.0	2.5	*	0.0	5.2	*	12.5	7.3	*
Open Reduction of Hip Fracture	7	0.0	5.2	*	0.0	10.1	*	42.9	13.6	*
Prostatectomy	0									
Cholecystectomy	14	7.1	4.2	*	7.1	7.1	*	7.1	8.7	*
Hysterectomy	7	0.0	0.2	*	0.0	0.4	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MCCONE COUNTY HOSPITAL

P O Box 195
Circle, MT 59215

Medicare Provider Number: 270043

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	38	10.5	7.1	*	13.2	12.0	*	13.2	16.2	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	5	20.0	10.6	*	40.0	17.0	*	40.0	22.8	*
Pneumonia/Influenza	1	0.0	18.2	*	0.0	27.6	*	0.0	34.7	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	3	0.0	15.6	*	0.0	20.7	*	0.0	24.9	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	60
Occupancy Rate	63
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	1
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MCCONE COUNTY HOSPITAL

Medicare Provider Number: 270043

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	44	2.3	6.6	*	9.1	10.9	*	11.4	14.4	*
CONDITIONS:										
Acute Myocardial Infarction	2	0.0	22.7	*	0.0	25.6	*	0.0	29.3	*
Congestive Heart Failure	1	0.0	9.9	*	0.0	15.7	*	0.0	20.9	*
Pneumonia/Influenza	1	0.0	11.8	*	0.0	15.9	*	0.0	19.4	*
Chronic Obstructive Pulmonary Disease	1	0.0	4.7	*	0.0	8.9	*	0.0	13.1	*
Transient Cerebral Ischemia	0									
Stroke	2	50.0	21.3	*	50.0	27.4	*	50.0	32.4	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	44	6.8	7.6	*	9.1	11.3	*	11.4	14.4	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	3	0.0	10.2	*	0.0	15.7	*	0.0	20.9	*
Pneumonia/Influenza	1	0.0	15.2	*	0.0	19.7	*	0.0	23.7	*
Chronic Obstructive Pulmonary Disease	2	0.0	6.4	*	0.0	10.8	*	0.0	14.5	*
Transient Cerebral Ischemia	0									
Stroke	1	0.0	14.6	*	0.0	19.3	*	0.0	23.4	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MINERAL COUNTY HOSPITAL

P O Box 66
Superior, MT 59872

Medicare Provider Number: 270073

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	82	2.4	7.0	6.1	3.7	10.7	8.6	6.1	13.9	9.7
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	28.0	*	0.0	32.3	*	0.0	36.6	*
Congestive Heart Failure	1	0.0	11.3	*	0.0	18.1	*	0.0	24.3	*
Pneumonia/Influenza	3	0.0	8.5	*	0.0	11.8	*	0.0	15.0	*
Chronic Obstructive Pulmonary Disease	3	33.3	10.3	*	66.7	18.4	*	100.0	25.2	*
Transient Cerebral Ischemia	1	0.0	1.8	*	0.0	4.1	*	0.0	6.6	*
Stroke	4	0.0	20.2	*	0.0	26.2	*	0.0	31.0	*
Hip Fracture	1	0.0	2.7	*	0.0	5.2	*	0.0	7.0	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	3	0.0	0.9	*	0.0	1.4	*	0.0	1.8	*
Hysterectomy	2	0.0	0.6	*	0.0	1.3	*	0.0	1.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	30
Occupancy Rate	80
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	4
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MINERAL COUNTY HOSPITAL

Medicare Provider Number: 270073

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	66	3.0	7.2	4.1	7.6	11.0	5.7	7.6	14.3	7.1
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	22.6	*	0.0	27.2	*	0.0	31.5	*
Congestive Heart Failure	0									
Pneumonia/Influenza	4	0.0	9.5	*	0.0	13.6	*	0.0	17.0	*
Chronic Obstructive Pulmonary Disease	2	0.0	11.2	*	0.0	17.7	*	0.0	22.5	*
Transient Cerebral Ischemia	5	0.0	3.0	*	0.0	6.8	*	0.0	10.9	*
Stroke	3	0.0	26.8	*	0.0	34.6	*	0.0	40.2	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	3	0.0	0.7	*	0.0	1.3	*	0.0	1.8	*
Hysterectomy	1	0.0	0.3	*	0.0	0.5	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	60	5.0	6.1	3.3	6.7	9.8	5.0	10.0	12.9	5.9
CONDITIONS:										
Acute Myocardial Infarction	2	50.0	34.7	*	50.0	37.1	*	50.0	40.3	*
Congestive Heart Failure	2	0.0	9.7	*	0.0	14.6	*	0.0	19.4	*
Pneumonia/Influenza	5	20.0	12.3	*	40.0	16.8	*	40.0	20.6	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	1	0.0	12.0	*	0.0	15.7	*	0.0	19.1	*
Hip Fracture	1	0.0	5.2	*	0.0	10.5	*	0.0	14.2	*
Sepsis	1	0.0	15.1	*	0.0	21.9	*	0.0	28.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	6	0.0	1.3	*	0.0	2.7	*	0.0	3.9	*
Hysterectomy	2	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MONTANA DEACONESS MEDICAL CENTER

1101 26th Street South
Great Falls, MT 59401

Medicare Provider Number: 270012

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,091	6.6	6.9	1.1	10.1	10.7	1.0	13.1	13.9	0.9
CONDITIONS:										
Acute Myocardial Infarction	74	24.3	26.4	5.4	27.0	29.5	5.7	28.4	32.8	7.2
Congestive Heart Failure	65	15.4	13.5	4.6	21.5	21.1	5.4	30.8	27.5	7.4
Pneumonia/Influenza	67	17.9	16.0	5.3	23.9	21.8	7.1	32.8	26.5	10.3
Chronic Obstructive Pulmonary Disease	39	7.7	7.6	*	10.3	13.5	*	15.4	18.7	*
Transient Cerebral Ischemia	27	0.0	1.7	*	0.0	3.7	*	0.0	5.8	*
Stroke	66	21.2	18.6	5.5	33.3	25.3	7.6	33.3	29.8	8.3
Hip Fracture	43	18.6	6.5	*	25.6	11.9	*	27.9	15.6	*
Sepsis	20	15.0	20.6	*	15.0	27.8	*	30.0	33.5	*
PROCEDURES:										
Angioplasty	47	2.1	3.6	*	4.3	4.4	*	6.4	5.5	*
Coronary Artery Bypass Graft	48	14.6	6.5	*	14.6	9.0	*	14.6	10.6	*
Initial Pacemaker Insertion	12	8.3	2.4	*	8.3	5.1	*	8.3	7.9	*
Carotid Endarterectomy	11	9.1	1.6	*	9.1	3.0	*	9.1	4.3	*
Hip Replacement/Reconstruction	36	8.3	2.0	*	16.7	3.9	*	16.7	5.4	*
Open Reduction of Hip Fracture	16	31.3	5.5	*	37.5	10.9	*	43.8	14.8	*
Prostatectomy	58	0.0	0.6	*	0.0	1.5	*	0.0	2.5	*
Cholecystectomy	41	0.0	2.2	*	0.0	4.0	*	0.0	5.4	*
Hysterectomy	13	0.0	1.0	*	0.0	2.6	*	0.0	4.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	412
Occupancy Rate	68
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	87
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MONTANA DEACONESS MEDICAL CENTER

Medicare Provider Number: 270012

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,046	6.5	7.1	0.6	10.0	11.1	0.9	12.7	14.3	1.0
CONDITIONS:										
Acute Myocardial Infarction	62	22.6	29.7	8.0	24.2	32.6	8.9	25.8	36.0	9.7
Congestive Heart Failure	48	10.4	13.9	*	16.7	21.6	*	22.9	28.1	*
Pneumonia/Influenza	59	13.6	16.3	5.7	16.9	22.3	7.1	22.0	26.8	6.8
Chronic Obstructive Pulmonary Disease	28	14.3	7.1	*	14.3	12.8	*	21.4	17.5	*
Transient Cerebral Ischemia	17	0.0	1.6	*	0.0	3.5	*	0.0	5.5	*
Stroke	58	15.5	23.3	6.4	20.7	30.2	7.4	25.9	35.0	7.4
Hip Fracture	38	5.3	6.5	*	10.5	12.2	*	10.5	15.8	*
Sepsis	15	13.3	21.6	*	13.3	27.7	*	20.0	33.0	*
PROCEDURES:										
Angioplasty	47	8.5	6.2	*	8.5	7.2	*	8.5	8.4	*
Coronary Artery Bypass Graft	56	3.6	6.4	4.4	3.6	8.8	5.7	5.4	10.2	6.0
Initial Pacemaker Insertion	21	0.0	5.3	*	0.0	8.7	*	0.0	12.1	*
Carotid Endarterectomy	7	0.0	1.9	*	0.0	3.8	*	0.0	5.8	*
Hip Replacement/Reconstruction	37	2.7	1.9	*	2.7	3.7	*	2.7	5.0	*
Open Reduction of Hip Fracture	12	8.3	6.7	*	16.7	12.7	*	16.7	16.6	*
Prostatectomy	88	1.1	0.8	1.1	2.3	1.9	1.5	3.4	3.2	1.9
Cholecystectomy	28	0.0	2.5	*	3.6	4.8	*	3.6	6.4	*
Hysterectomy	30	0.0	1.3	*	0.0	2.0	*	0.0	2.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,844	6.5	6.8	1.2	9.8	10.7	1.0	12.9	14.0	1.1
CONDITIONS:										
Acute Myocardial Infarction	68	26.5	28.2	5.7	27.9	31.8	6.5	30.9	35.3	7.4
Congestive Heart Failure	59	16.9	16.5	5.4	23.7	25.1	5.8	28.8	32.2	7.3
Pneumonia/Influenza	43	14.0	14.0	*	20.9	19.1	*	23.3	23.3	*
Chronic Obstructive Pulmonary Disease	20	15.0	6.6	*	25.0	11.7	*	25.0	16.0	*
Transient Cerebral Ischemia	24	0.0	1.9	*	0.0	4.1	*	8.3	6.5	*
Stroke	57	19.3	19.1	5.2	24.6	26.7	6.1	29.8	31.6	6.5
Hip Fracture	36	2.8	6.2	*	8.3	11.1	*	11.1	14.3	*
Sepsis	14	14.3	27.9	*	35.7	36.5	*	35.7	43.2	*
PROCEDURES:										
Angioplasty	35	2.9	5.3	*	2.9	6.4	*	8.6	7.8	*
Coronary Artery Bypass Graft	40	0.0	6.4	*	0.0	8.9	*	2.5	10.2	*
Initial Pacemaker Insertion	10	0.0	1.5	*	0.0	3.3	*	0.0	5.1	*
Carotid Endarterectomy	13	0.0	1.9	*	0.0	3.7	*	0.0	5.4	*
Hip Replacement/Reconstruction	30	3.3	2.8	*	3.3	5.2	*	6.7	6.9	*
Open Reduction of Hip Fracture	13	0.0	5.6	*	7.7	10.3	*	7.7	13.3	*
Prostatectomy	84	2.4	0.8	1.3	4.8	2.0	2.4	7.1	3.4	3.2
Cholecystectomy	33	0.0	3.2	*	0.0	5.7	*	0.0	7.4	*
Hysterectomy	12	0.0	1.2	*	0.0	2.9	*	0.0	4.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MONTANA STATE HOSPITAL-GALEN CAMPUS

Rt 1-Galen
Deer Lodge, MT 59756

Medicare Provider Number: 270055

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	83	3.6	3.4	2.3	7.2	5.1	2.5	8.4	6.7	3.0
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	21.5	*	0.0	24.7	*	0.0	29.4	*
Congestive Heart Failure	0									
Pneumonia/Influenza	3	33.3	11.1	*	33.3	15.4	*	33.3	19.4	*
Chronic Obstructive Pulmonary Disease	2	0.0	8.0	*	100.0	13.7	*	100.0	18.6	*
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	152
Occupancy Rate	61
Ownership/Control	State Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	1
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MONTANA STATE HOSPITAL-GALEN CAMPUS

Medicare Provider Number: 270055

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	88	3.4	3.0	2.7	4.5	5.0	2.4	6.8	6.8	2.7
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	1	0.0	6.7	*	0.0	10.5	*	0.0	14.2	*
Pneumonia/Influenza	8	25.0	17.1	*	37.5	23.6	*	37.5	28.5	*
Chronic Obstructive Pulmonary Disease	4	0.0	5.1	*	0.0	8.6	*	25.0	12.1	*
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	101	7.9	3.0	5.2	11.9	5.0	7.0	12.9	6.7	6.7
CONDITIONS:										
Acute Myocardial Infarction	1	100.0	32.4	*	100.0	36.8	*	100.0	41.1	*
Congestive Heart Failure	0									
Pneumonia/Influenza	7	28.6	9.0	*	42.9	12.6	*	42.9	16.0	*
Chronic Obstructive Pulmonary Disease	1	0.0	6.1	*	0.0	10.6	*	0.0	14.4	*
Transient Cerebral Ischemia	1	0.0	0.9	*	0.0	1.8	*	0.0	2.8	*
Stroke	2	100.0	17.4	*	100.0	23.3	*	100.0	27.8	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MOUNTAINVIEW MEMORIAL HOSPITAL

P O Box 481
White Sulphur Springs, MT 5

Medicare Provider Number: 270068

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	28	0.0	6.6	*	7.1	10.3	*	7.1	13.8	*
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	31.2	*	0.0	33.2	*	0.0	35.9	*
Congestive Heart Failure	1	0.0	16.6	*	0.0	24.5	*	0.0	31.1	*
Pneumonia/Influenza	5	0.0	9.1	*	20.0	12.7	*	20.0	15.5	*
Chronic Obstructive Pulmonary Disease	4	0.0	8.3	*	25.0	16.3	*	25.0	23.4	*
Transient Cerebral Ischemia	1	0.0	1.6	*	0.0	3.8	*	0.0	6.2	*
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	37
Occupancy Rate	60
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	2
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MOUNTAINVIEW MEMORIAL HOSPITAL

Medicare Provider Number: 270068

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	45	8.9	13.3	*	20.0	18.7	*	24.4	23.2	*
CONDITIONS:										
Acute Myocardial Infarction	2	0.0	42.1	*	50.0	45.5	*	50.0	50.1	*
Congestive Heart Failure	1	100.0	34.8	*	100.0	58.6	*	100.0	72.7	*
Pneumonia/Influenza	9	11.1	18.2	*	22.2	24.8	*	33.3	29.6	*
Chronic Obstructive Pulmonary Disease	1	0.0	9.9	*	0.0	14.9	*	0.0	19.7	*
Transient Cerebral Ischemia	0									
Stroke	2	0.0	25.1	*	0.0	31.4	*	0.0	36.4	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	37	13.5	10.1	*	18.9	15.6	*	21.6	20.3	*
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	24.8	*	0.0	27.8	*	0.0	31.9	*
Congestive Heart Failure	5	40.0	14.6	*	60.0	21.8	*	60.0	28.2	*
Pneumonia/Influenza	2	0.0	11.9	*	50.0	17.0	*	50.0	21.3	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	1	0.0	15.3	*	0.0	19.8	*	100.0	23.8	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

NORTH VALLEY HOSPITAL

6575 Highway 93 South
Whitefish, MT 59937

Medicare Provider Number: 270040

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	325	8.6	9.8	3.3	12.0	14.5	4.8	15.1	18.3	5.3
CONDITIONS:										
Acute Myocardial Infarction	10	10.0	25.1	*	10.0	27.7	*	20.0	30.6	*
Congestive Heart Failure	9	11.1	15.2	*	11.1	23.5	*	22.2	30.8	*
Pneumonia/Influenza	13	15.4	17.6	*	23.1	23.4	*	23.1	27.9	*
Chronic Obstructive Pulmonary Disease	10	20.0	10.7	*	20.0	18.4	*	30.0	24.6	*
Transient Cerebral Ischemia	4	0.0	1.6	*	0.0	3.6	*	0.0	5.7	*
Stroke	9	0.0	29.6	*	0.0	36.5	*	0.0	41.6	*
Hip Fracture	12	16.7	6.6	*	16.7	11.6	*	16.7	14.9	*
Sepsis	6	16.7	31.3	*	16.7	38.2	*	16.7	44.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	1.1	*	0.0	2.3	*	0.0	3.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	4.8	*	0.0	8.5	*	0.0	11.1	*
Open Reduction of Hip Fracture	6	16.7	7.3	*	16.7	13.4	*	16.7	17.5	*
Prostatectomy	0									
Cholecystectomy	9	0.0	1.5	*	11.1	2.7	*	11.1	3.4	*
Hysterectomy	1	0.0	0.5	*	0.0	1.1	*	0.0	1.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	100
Occupancy Rate	71
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	45
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

NORTH VALLEY HOSPITAL

Medicare Provider Number: 270040

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	346	11.3	10.5	1.8	16.8	15.5	2.2	20.2	19.4	2.6
CONDITIONS:										
Acute Myocardial Infarction	13	23.1	34.1	*	30.8	37.0	*	30.8	40.7	*
Congestive Heart Failure	14	28.6	21.0	*	42.9	31.6	*	64.3	39.3	*
Pneumonia/Influenza	18	22.2	19.7	*	27.8	26.6	*	33.3	31.9	*
Chronic Obstructive Pulmonary Disease	7	14.3	12.7	*	28.6	19.3	*	28.6	24.8	*
Transient Cerebral Ischemia	3	0.0	1.3	*	0.0	2.7	*	0.0	4.2	*
Stroke	11	27.3	22.2	*	36.4	26.9	*	36.4	31.1	*
Hip Fracture	15	26.7	8.6	*	40.0	15.4	*	40.0	19.6	*
Sepsis	4	25.0	28.5	*	25.0	36.1	*	25.0	43.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	33.3	7.7	*	33.3	14.4	*	33.3	18.2	*
Open Reduction of Hip Fracture	9	22.2	7.5	*	44.4	14.2	*	44.4	18.5	*
Prostatectomy	0									
Cholecystectomy	8	0.0	2.8	*	0.0	4.8	*	0.0	6.0	*
Hysterectomy	3	0.0	0.4	*	0.0	0.6	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	357	11.8	10.9	3.0	14.6	15.5	2.0	16.8	19.2	3.7
CONDITIONS:										
Acute Myocardial Infarction	23	30.4	36.1	*	30.4	39.2	*	43.5	42.8	*
Congestive Heart Failure	20	25.0	17.1	*	35.0	26.4	*	35.0	33.8	*
Pneumonia/Influenza	22	27.3	19.8	*	31.8	26.8	*	36.4	32.3	*
Chronic Obstructive Pulmonary Disease	5	0.0	6.4	*	0.0	10.8	*	0.0	14.5	*
Transient Cerebral Ischemia	4	0.0	1.7	*	0.0	3.5	*	0.0	5.6	*
Stroke	16	25.0	21.4	*	25.0	27.5	*	25.0	32.3	*
Hip Fracture	11	0.0	6.4	*	0.0	11.0	*	9.1	13.9	*
Sepsis	3	66.7	20.6	*	66.7	27.7	*	66.7	32.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	7.0	*	0.0	12.0	*	0.0	15.1	*
Open Reduction of Hip Fracture	5	0.0	4.4	*	0.0	8.5	*	20.0	11.5	*
Prostatectomy	0									
Cholecystectomy	5	0.0	5.3	*	0.0	10.4	*	0.0	14.3	*
Hysterectomy	1	0.0	1.2	*	0.0	2.3	*	0.0	3.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

NORTHERN MONTANA HOSPITAL

P O Box 1231
Havre, MT 59501

Medicare Provider Number: 270032

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	602	7.5	8.3	3.4	11.8	12.8	3.4	14.6	16.4	4.2
CONDITIONS:										
Acute Myocardial Infarction	14	42.9	29.2	*	50.0	32.5	*	57.1	36.0	*
Congestive Heart Failure	26	11.5	15.1	*	26.9	23.8	*	30.8	30.9	*
Pneumonia/Influenza	30	10.0	16.3	*	13.3	21.8	*	13.3	25.7	*
Chronic Obstructive Pulmonary Disease	17	11.8	8.2	*	23.5	14.9	*	29.4	20.6	*
Transient Cerebral Ischemia	9	0.0	1.7	*	0.0	3.7	*	0.0	5.9	*
Stroke	23	21.7	20.0	*	26.1	26.2	*	30.4	30.4	*
Hip Fracture	22	4.5	5.7	*	4.5	10.6	*	4.5	14.0	*
Sepsis	3	0.0	19.4	*	0.0	23.8	*	0.0	28.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	4.8	*	0.0	8.5	*	0.0	11.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	21	0.0	2.7	*	0.0	5.4	*	0.0	7.4	*
Open Reduction of Hip Fracture	10	10.0	6.1	*	10.0	11.6	*	10.0	15.3	*
Prostatectomy	17	0.0	1.2	*	0.0	2.8	*	0.0	4.7	*
Cholecystectomy	12	0.0	2.5	*	8.3	4.6	*	8.3	6.4	*
Hysterectomy	3	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	120
Occupancy Rate	53
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	58
Licensed Practical Nurses	18

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

NORTHERN MONTANA HOSPITAL

Medicare Provider Number: 270032

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	589	10.0	8.4	1.8	14.1	12.8	1.7	17.1	16.3	1.7
CONDITIONS:										
Acute Myocardial Infarction	16	31.3	23.2	*	31.3	27.2	*	37.5	30.7	*
Congestive Heart Failure	23	13.0	17.2	*	30.4	26.7	*	30.4	34.2	*
Pneumonia/Influenza	36	13.9	16.3	*	16.7	22.3	*	19.4	26.8	*
Chronic Obstructive Pulmonary Disease	14	7.1	6.2	*	21.4	11.9	*	21.4	17.2	*
Transient Cerebral Ischemia	2	0.0	2.2	*	0.0	5.2	*	0.0	8.4	*
Stroke	25	20.0	14.7	*	24.0	20.2	*	24.0	24.3	*
Hip Fracture	13	7.7	6.1	*	7.7	11.0	*	7.7	14.1	*
Sepsis	2	0.0	24.2	*	0.0	29.6	*	0.0	35.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	2.3	*	25.0	5.3	*	25.0	8.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	0.0	1.8	*	0.0	3.6	*	0.0	4.8	*
Open Reduction of Hip Fracture	3	0.0	5.3	*	0.0	10.0	*	0.0	13.1	*
Prostatectomy	0									
Cholecystectomy	8	12.5	6.9	*	12.5	8.3	*	12.5	9.2	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	579	8.6	7.7	3.6	12.1	12.0	4.4	15.0	15.5	4.7
CONDITIONS:										
Acute Myocardial Infarction	18	33.3	26.6	*	38.9	30.6	*	38.9	34.2	*
Congestive Heart Failure	30	23.3	17.3	*	26.7	26.3	*	30.0	33.6	*
Pneumonia/Influenza	33	9.1	15.6	*	15.2	20.9	*	21.2	25.3	*
Chronic Obstructive Pulmonary Disease	11	0.0	6.7	*	0.0	11.6	*	0.0	15.8	*
Transient Cerebral Ischemia	9	11.1	1.4	*	11.1	2.7	*	22.2	4.2	*
Stroke	29	13.8	17.5	*	31.0	24.2	*	37.9	28.8	*
Hip Fracture	13	0.0	6.6	*	7.7	12.0	*	7.7	15.4	*
Sepsis	3	33.3	16.0	*	33.3	20.4	*	33.3	24.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	3.5	*	0.0	6.3	*	0.0	8.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	10	0.0	1.5	*	0.0	3.0	*	0.0	4.3	*
Open Reduction of Hip Fracture	9	0.0	5.0	*	11.1	9.9	*	11.1	13.2	*
Prostatectomy	0									
Cholecystectomy	16	0.0	2.5	*	0.0	4.5	*	0.0	6.2	*
Hysterectomy	5	0.0	0.2	*	0.0	0.5	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

229.1

NORTHERN
MONTANA
Hospital P.O. Box 1231 30 Thirteenth St. Havre, MT 59501 (406) 265-2211

Hospital ID 270032

January 15, 1991

Health Care Financing Administration
Health Standards and Quality Bureau
ATTENTION: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Blvd.
Baltimore, MD 21207

Dear Mrs. Kappert:

This letter is in response to the annual release of Medicare Hospital Mortality information by the spring of 1991 and our hospital specific data.

While this mortality information may be useful for physicians and administrators for screening purposes to help analyze the quality and appropriateness of the services that we provide, we do not believe in its appropriate or useful basis for a public release. It has become well accepted that the data in themselves are not meaningful as a guide to our hospital's performance and are of limited use to the average consumer. It identifies differences in mortality among hospital patient populations, but does not and cannot explain why they are different. Much of the difference in hospital mortality, particularly for deaths that occur after the individual left the hospital, of which 51 of our deaths did not occur in our facility and 9 occurred after the patient as discharged from acute care and admitted to long term care can be explained by other factors other than the quality of care.

We also agree with the American Hospital Association in that quality is not being measured through this data. The model identifies differences in mortality among hospital patient populations again but does not explain why they are different. The American Hospital Association and our hospital have long maintained that the only way to monitor hospital performance effectively and efficiently is to build upon the success of the hospital's internal quality assurance mechanisms. We continue to evaluate and upgrade our quality assurance activities as recognized by our JCAHO accreditation.

Our review of the 602 patients showed there were 106 additional patients at our facility. The patients listed had numerous examples of multiple admissions that we could account for at our facility, and we question the numbers as they occurred at other facilities. While our death rate of all causes shows the observed rate below the predicted values, we would like to remind those who are attempting to interpret this data that we are still dealing with small numbers, especially when we get into particular conditions and procedures. When you look at one death difference spread out on ten patients, as is the case in open reduction of hip fracture, the predicted mortality rate is 6.1 per cent when the death rate can only be 10 per cent. While no cases of deaths were reported where we had a total number of cases of less than ten, how is the general public to interpret any of our data particularly when the most cases that we had in any particular condition was 30?

We, again, would like to reiterate that we do not agree with the disclosure of this information to the general public in that it does not measure quality of care and cannot properly be evaluated by the average consumer.

Sincerely,

Timothy F. Weyers
Executive Vice President

TFW/jj

PHILLIPS COUNTY HOSPITAL ASSOCIATION

417 S Fourth E
Malta, MT 59538

Medicare Provider Number: 270046

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	63	27.0	11.9	18.9	31.7	17.6	18.1	34.9	22.3	15.7
CONDITIONS:										
Acute Myocardial Infarction	3	66.7	30.9	*	66.7	40.5	*	100.0	46.6	*
Congestive Heart Failure	4	0.0	14.6	*	0.0	21.8	*	0.0	28.1	*
Pneumonia/Influenza	8	25.0	13.8	*	25.0	19.1	*	37.5	23.6	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	100.0	3.2	*	100.0	7.9	*	100.0	13.3	*
Stroke	3	66.7	17.1	*	66.7	22.0	*	66.7	26.2	*
Hip Fracture	0									
Sepsis	1	100.0	40.5	*	100.0	48.6	*	100.0	58.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	21
Occupancy Rate	7
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	2
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	6
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

PHILLIPS COUNTY HOSPITAL ASSOCIATION

Medicare Provider Number: 270046

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	88	15.9	13.9	6.3	22.7	20.1	6.6	27.3	25.1	5.0
CONDITIONS:										
Acute Myocardial Infarction	3	0.0	31.6	*	0.0	36.6	*	0.0	41.6	*
Congestive Heart Failure	9	55.6	26.1	*	55.6	36.5	*	66.7	44.5	*
Pneumonia/Influenza	8	0.0	26.9	*	12.5	35.2	*	25.0	41.0	*
Chronic Obstructive Pulmonary Disease	7	14.3	10.9	*	28.6	19.2	*	42.9	25.7	*
Transient Cerebral Ischemia	0									
Stroke	6	33.3	24.6	*	50.0	31.6	*	50.0	37.0	*
Hip Fracture	1	0.0	4.0	*	100.0	7.5	*	100.0	10.2	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	131	13.0	10.1	3.6	16.0	15.9	6.9	18.3	21.0	10.1
CONDITIONS:										
Acute Myocardial Infarction	5	100.0	28.2	*	100.0	32.2	*	100.0	36.9	*
Congestive Heart Failure	9	22.2	13.9	*	22.2	22.1	*	33.3	28.9	*
Pneumonia/Influenza	15	6.7	19.9	*	13.3	26.8	*	20.0	32.2	*
Chronic Obstructive Pulmonary Disease	6	16.7	8.8	*	16.7	15.2	*	16.7	20.5	*
Transient Cerebral Ischemia	4	0.0	2.3	*	0.0	5.4	*	0.0	8.8	*
Stroke	5	20.0	18.2	*	20.0	23.8	*	20.0	28.5	*
Hip Fracture	2	0.0	2.9	*	0.0	5.7	*	0.0	7.8	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

PHS INDIAN HOSPITAL

Browning, MT 59417

Medicare Provider Number: 270074

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	76	3.9	8.0	3.8	6.6	12.9	5.2	9.2	17.2	6.1
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	4	0.0	20.6	*	0.0	33.0	*	0.0	41.8	*
Pneumonia/Influenza	13	0.0	17.9	*	15.4	24.7	*	15.4	30.0	*
Chronic Obstructive Pulmonary Disease	1	0.0	11.1	*	0.0	20.7	*	0.0	28.9	*
Transient Cerebral Ischemia	0									
Stroke	1	0.0	11.9	*	0.0	15.3	*	0.0	18.5	*
Hip Fracture	0									
Sepsis	1	0.0	36.6	*	0.0	43.4	*	0.0	50.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	27
Occupancy Rate	44
Ownership/Control	Federal Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	9
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	35
Licensed Practical Nurses	5

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

PHS INDIAN HOSPITAL

Medicare Provider Number: 270074

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	87	4.6	9.8	3.9	6.9	15.2	5.2	8.0	19.7	6.0
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	6	0.0	17.6	*	0.0	28.2	*	0.0	36.2	*
Pneumonia/Influenza	8	0.0	19.6	*	0.0	27.1	*	0.0	32.2	*
Chronic Obstructive Pulmonary Disease	1	0.0	6.0	*	0.0	13.4	*	0.0	20.0	*
Transient Cerebral Ischemia	1	0.0	1.5	*	0.0	4.1	*	0.0	7.2	*
Stroke	3	0.0	19.9	*	0.0	28.3	*	33.3	33.9	*
Hip Fracture	0									
Sepsis	2	0.0	15.7	*	0.0	19.5	*	0.0	24.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	1	0.0	0.8	*	0.0	1.5	*	0.0	1.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	84	7.1	10.6	8.6	10.7	16.2	10.2	13.1	20.7	9.6
CONDITIONS:										
Acute Myocardial Infarction	4	25.0	36.3	*	25.0	40.6	*	25.0	44.8	*
Congestive Heart Failure	3	0.0	15.4	*	0.0	22.8	*	0.0	29.5	*
Pneumonia/Influenza	7	0.0	17.4	*	0.0	23.7	*	0.0	28.6	*
Chronic Obstructive Pulmonary Disease	1	0.0	13.5	*	0.0	19.8	*	0.0	24.8	*
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	1	0.0	7.0	*	0.0	13.6	*	0.0	18.5	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	1	0.0	0.4	*	0.0	0.8	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

PHS INDIAN HOSPITAL

Crow Agency
Big Horn, MT 59010

Medicare Provider Number: 270075

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	52	3.8	9.9	5.6	11.5	16.0	6.1	13.5	20.9	6.9
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	4	0.0	9.6	*	0.0	14.1	*	0.0	18.6	*
Pneumonia/Influenza	5	0.0	18.6	*	0.0	25.7	*	0.0	31.1	*
Chronic Obstructive Pulmonary Disease	2	0.0	9.9	*	0.0	16.0	*	0.0	21.1	*
Transient Cerebral Ischemia	0									
Stroke	2	0.0	13.4	*	0.0	17.4	*	0.0	21.0	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	34
Occupancy Rate	41
Ownership/Control	Federal Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	6
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	34
Licensed Practical Nurses	6

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

PHS INDIAN HOSPITAL

Medicare Provider Number: 270075

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	43	9.3	9.9	*	11.6	15.0	*	14.0	19.4	*
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	47.8	*	0.0	51.9	*	0.0	57.1	*
Congestive Heart Failure	2	0.0	13.6	*	0.0	20.5	*	0.0	26.6	*
Pneumonia/Influenza	1	100.0	13.5	*	100.0	18.0	*	100.0	21.9	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	1	0.0	29.9	*	0.0	38.1	*	0.0	43.8	*
Hip Fracture	1	0.0	4.9	*	0.0	9.4	*	0.0	12.7	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	40	0.0	11.7	*	0.0	17.0	*	5.0	21.2	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	2	0.0	17.6	*	0.0	28.7	*	0.0	37.2	*
Pneumonia/Influenza	5	0.0	15.0	*	0.0	20.9	*	20.0	25.6	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	2	0.0	34.8	*	0.0	41.4	*	0.0	48.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

PHS INDIAN HOSPITAL

Harlem, MT 59526

Medicare Provider Number: 270076

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	39	0.0	4.7	*	0.0	8.5	*	5.1	12.2	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	6	0.0	10.1	*	0.0	15.7	*	16.7	20.7	*
Pneumonia/Influenza	3	0.0	7.0	*	0.0	9.7	*	33.3	12.2	*
Chronic Obstructive Pulmonary Disease	4	0.0	8.2	*	0.0	15.6	*	0.0	22.2	*
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	18
Occupancy Rate	28
Ownership/Control	Federal Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	4
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	11
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

PHS INDIAN HOSPITAL

Medicare Provider Number: 270076

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	32	3.1	11.1	*	6.3	17.4	*	6.3	22.3	*
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	29.0	*	0.0	34.3	*	0.0	39.0	*
Congestive Heart Failure	5	0.0	17.9	*	0.0	29.5	*	0.0	38.3	*
Pneumonia/Influenza	1	0.0	8.8	*	0.0	11.7	*	0.0	14.6	*
Chronic Obstructive Pulmonary Disease	2	0.0	12.5	*	0.0	22.6	*	0.0	31.2	*
Transient Cerebral Ischemia	1	0.0	1.7	*	0.0	3.8	*	0.0	6.0	*
Stroke	2	0.0	22.7	*	0.0	31.2	*	0.0	37.2	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	52	1.9	6.9	5.5	3.8	11.6	7.9	7.7	15.8	8.5
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	2	0.0	15.4	*	0.0	25.8	*	0.0	34.5	*
Pneumonia/Influenza	5	0.0	14.4	*	0.0	19.1	*	20.0	23.3	*
Chronic Obstructive Pulmonary Disease	4	0.0	15.4	*	0.0	27.2	*	25.0	35.5	*
Transient Cerebral Ischemia	0									
Stroke	3	33.3	18.8	*	33.3	23.9	*	33.3	28.4	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

PONDERA MEDICAL CENTER

P O Box 757
Conrad, MT 59425

Medicare Provider Number: 270039

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	185	7.0	11.0	4.4	15.1	16.6	5.8	17.8	20.9	5.9
CONDITIONS:										
Acute Myocardial Infarction	5	20.0	28.0	*	20.0	31.0	*	20.0	34.7	*
Congestive Heart Failure	5	0.0	22.7	*	60.0	37.1	*	60.0	46.8	*
Pneumonia/Influenza	14	0.0	22.0	*	14.3	30.8	*	14.3	36.5	*
Chronic Obstructive Pulmonary Disease	7	14.3	4.8	*	14.3	9.4	*	14.3	13.5	*
Transient Cerebral Ischemia	5	0.0	2.0	*	0.0	4.3	*	0.0	7.0	*
Stroke	15	13.3	22.6	*	13.3	29.6	*	20.0	34.1	*
Hip Fracture	0									
Sepsis	3	66.7	46.8	*	66.7	57.2	*	100.0	65.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	0.6	*	0.0	1.7	*	0.0	2.9	*
Cholecystectomy	4	0.0	1.8	*	0.0	3.1	*	0.0	3.9	*
Hysterectomy	1	0.0	0.6	*	0.0	1.2	*	0.0	1.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds	112
Occupancy Rate	70
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	6
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

PONDERA MEDICAL CENTER

Medicare Provider Number: 270039

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	153	6.5	10.2	3.5	9.8	15.5	4.1	11.8	20.0	4.8
CONDITIONS:										
Acute Myocardial Infarction	4	25.0	42.1	*	25.0	47.4	*	25.0	52.4	*
Congestive Heart Failure	13	15.4	15.8	*	15.4	24.2	*	23.1	31.1	*
Pneumonia/Influenza	17	11.8	21.7	*	17.6	28.5	*	23.5	33.6	*
Chronic Obstructive Pulmonary Disease	3	0.0	5.5	*	33.3	9.5	*	33.3	13.1	*
Transient Cerebral Ischemia	1	0.0	1.3	*	0.0	2.5	*	0.0	3.7	*
Stroke	4	0.0	19.6	*	0.0	25.5	*	0.0	30.3	*
Hip Fracture	1	100.0	28.8	*	100.0	46.3	*	100.0	54.3	*
Sepsis	3	33.3	34.5	*	33.3	37.5	*	33.3	40.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	0.4	*	0.0	0.9	*	0.0	1.5	*
Cholecystectomy	4	0.0	1.8	*	0.0	3.2	*	0.0	4.2	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	144	6.9	9.4	2.5	10.4	14.2	3.3	14.6	18.2	5.3
CONDITIONS:										
Acute Myocardial Infarction	3	33.3	32.9	*	33.3	37.2	*	33.3	40.7	*
Congestive Heart Failure	12	8.3	16.1	*	8.3	24.4	*	16.7	31.4	*
Pneumonia/Influenza	11	9.1	18.2	*	9.1	24.8	*	27.3	30.0	*
Chronic Obstructive Pulmonary Disease	3	0.0	5.0	*	0.0	11.6	*	0.0	18.2	*
Transient Cerebral Ischemia	2	0.0	1.8	*	0.0	3.9	*	0.0	6.3	*
Stroke	3	33.3	26.3	*	33.3	35.9	*	33.3	41.5	*
Hip Fracture	0									
Sepsis	2	0.0	27.1	*	0.0	31.3	*	0.0	36.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	0.8	*	0.0	1.7	*	0.0	2.8	*
Cholecystectomy	2	50.0	0.8	*	50.0	1.5	*	50.0	2.1	*
Hysterectomy	1	0.0	0.9	*	0.0	1.4	*	0.0	2.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

POPLAR COMMUNITY HOSPITAL

P O Box 38
Poplar, MT 59255

Medicare Provider Number: 270060

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	57	7.0	9.1	5.3	8.8	13.3	6.1	14.0	16.9	5.7
CONDITIONS:										
Acute Myocardial Infarction	3	0.0	20.2	*	0.0	22.6	*	33.3	25.8	*
Congestive Heart Failure	3	0.0	10.8	*	0.0	16.8	*	0.0	22.3	*
Pneumonia/Influenza	4	0.0	16.9	*	0.0	23.1	*	0.0	28.3	*
Chronic Obstructive Pulmonary Disease	3	0.0	5.0	*	0.0	9.7	*	0.0	14.1	*
Transient Cerebral Ischemia	1	0.0	1.9	*	0.0	5.2	*	0.0	9.1	*
Stroke	0									
Hip Fracture	0									
Sepsis	3	33.3	23.5	*	33.3	29.9	*	33.3	37.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	44
Occupancy Rate	57
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	7
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

POPLAR COMMUNITY HOSPITAL

Medicare Provider Number: 270060

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	49	4.1	7.5	*	4.1	11.7	*	6.1	15.4	*
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	20.0	*	0.0	22.3	*	0.0	25.7	*
Congestive Heart Failure	1	0.0	18.3	*	0.0	28.6	*	0.0	36.6	*
Pneumonia/Influenza	7	0.0	14.4	*	0.0	19.9	*	0.0	24.2	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	2	50.0	23.1	*	50.0	30.6	*	50.0	36.1	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	40	7.5	6.6	*	10.0	11.2	*	10.0	14.9	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	1	0.0	17.5	*	0.0	29.7	*	0.0	40.2	*
Pneumonia/Influenza	2	0.0	15.2	*	0.0	21.3	*	0.0	26.4	*
Chronic Obstructive Pulmonary Disease	2	0.0	7.6	*	0.0	12.2	*	0.0	16.0	*
Transient Cerebral Ischemia	1	0.0	1.8	*	0.0	3.6	*	0.0	5.7	*
Stroke	2	0.0	13.7	*	0.0	18.5	*	0.0	22.7	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

POWELL COUNTY MEMORIAL HOSPITAL

1101 Texas Ave
Deer Lodge, MT 59722

Medicare Provider Number: 270041

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	103	9.7	11.8	8.0	16.5	16.8	7.5	21.4	20.8	7.1
CONDITIONS:										
Acute Myocardial Infarction	5	60.0	39.3	*	60.0	42.5	*	60.0	46.5	*
Congestive Heart Failure	2	0.0	10.5	*	0.0	16.0	*	0.0	21.2	*
Pneumonia/Influenza	6	0.0	11.2	*	0.0	15.6	*	16.7	19.3	*
Chronic Obstructive Pulmonary Disease	4	0.0	6.4	*	0.0	11.3	*	50.0	15.7	*
Transient Cerebral Ischemia	1	0.0	1.2	*	0.0	2.6	*	0.0	4.1	*
Stroke	3	0.0	32.1	*	0.0	41.2	*	0.0	47.5	*
Hip Fracture	2	0.0	4.8	*	50.0	9.2	*	100.0	12.6	*
Sepsis	1	0.0	15.7	*	0.0	20.9	*	0.0	25.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	3.1	*	0.0	6.2	*	100.0	8.5	*
Prostatectomy	3	0.0	0.2	*	0.0	0.6	*	0.0	1.2	*
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	35
Occupancy Rate	54
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	4
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

POWELL COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 270041

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	111	10.8	10.2	3.6	16.2	14.8	4.5	20.7	18.7	5.8
CONDITIONS:										
Acute Myocardial Infarction	5	60.0	56.1	*	60.0	61.5	*	80.0	66.9	*
Congestive Heart Failure	3	0.0	17.2	*	0.0	25.6	*	0.0	32.6	*
Pneumonia/Influenza	9	11.1	12.4	*	22.2	16.9	*	33.3	20.5	*
Chronic Obstructive Pulmonary Disease	5	0.0	7.4	*	0.0	12.2	*	20.0	16.7	*
Transient Cerebral Ischemia	2	0.0	1.6	*	0.0	3.3	*	0.0	5.2	*
Stroke	5	60.0	27.4	*	80.0	34.7	*	80.0	40.0	*
Hip Fracture	1	100.0	3.8	*	100.0	7.0	*	100.0	9.1	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	3	0.0	0.5	*	0.0	1.3	*	0.0	2.3	*
Cholecystectomy	1	0.0	0.6	*	0.0	1.1	*	0.0	1.6	*
Hysterectomy	1	0.0	2.2	*	0.0	5.7	*	0.0	9.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	100	15.0	11.3	8.7	20.0	16.1	7.8	27.0	20.0	7.5
CONDITIONS:										
Acute Myocardial Infarction	5	40.0	33.3	*	40.0	35.7	*	40.0	39.1	*
Congestive Heart Failure	3	33.3	26.4	*	33.3	36.5	*	33.3	44.2	*
Pneumonia/Influenza	7	14.3	13.1	*	14.3	18.6	*	28.6	23.1	*
Chronic Obstructive Pulmonary Disease	5	20.0	10.8	*	20.0	17.8	*	20.0	23.1	*
Transient Cerebral Ischemia	1	0.0	2.6	*	0.0	5.5	*	0.0	8.7	*
Stroke	5	60.0	24.4	*	80.0	31.5	*	80.0	36.7	*
Hip Fracture	1	0.0	8.5	*	0.0	14.2	*	0.0	17.4	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	1.0	*	0.0	2.8	*	50.0	5.0	*
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

PRAIRIE COMMUNITY HOSPITAL

312 S Adams Ave
Terry, MT 59349

Medicare Provider Number: 270071

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	25	12.0	10.6	*	16.0	15.5	*	16.0	19.6	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	2	0.0	21.0	*	0.0	26.5	*	0.0	32.3	*
Pneumonia/Influenza	2	0.0	26.1	*	0.0	35.2	*	0.0	42.0	*
Chronic Obstructive Pulmonary Disease	2	50.0	17.3	*	50.0	26.6	*	50.0	34.1	*
Transient Cerebral Ischemia	0									
Stroke	2	50.0	31.7	*	50.0	40.7	*	50.0	46.6	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	20
Occupancy Rate	85
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	1
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

PRAIRIE COMMUNITY HOSPITAL

Medicare Provider Number: 270071

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	30	16.7	12.3	*	16.7	17.1	*	20.0	20.7	*
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	19.0	*	0.0	21.3	*	0.0	24.0	*
Congestive Heart Failure	3	0.0	14.9	*	0.0	21.7	*	0.0	27.5	*
Pneumonia/Influenza	6	16.7	15.1	*	16.7	20.4	*	16.7	24.8	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	1	100.0	18.7	*	100.0	23.7	*	100.0	28.1	*
Hip Fracture	0									
Sepsis	1	100.0	48.3	*	100.0	55.0	*	100.0	62.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	24	8.3	11.3	*	8.3	16.5	*	8.3	21.1	*
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	25.3	*	0.0	28.7	*	0.0	33.5	*
Congestive Heart Failure	4	0.0	13.4	*	0.0	20.5	*	0.0	27.0	*
Pneumonia/Influenza	1	0.0	10.7	*	0.0	14.2	*	0.0	17.8	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	1	0.0	17.6	*	0.0	22.9	*	0.0	27.4	*
Hip Fracture	0									
Sepsis	2	0.0	33.4	*	0.0	39.5	*	0.0	45.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ROOSEVELT MEMORIAL HOSPITAL

Drawer 419
Culbertson, MT 59218

Medicare Provider Number: 270067

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	64	4.7	7.8	4.0	7.8	11.6	5.6	9.4	14.9	6.6
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	51.4	*	0.0	58.7	*	0.0	63.9	*
Congestive Heart Failure	2	50.0	14.6	*	50.0	23.4	*	50.0	30.9	*
Pneumonia/Influenza	8	12.5	10.5	*	25.0	15.3	*	37.5	19.2	*
Chronic Obstructive Pulmonary Disease	7	0.0	5.0	*	14.3	8.8	*	14.3	12.4	*
Transient Cerebral Ischemia	0									
Stroke	2	0.0	19.9	*	0.0	27.1	*	0.0	32.5	*
Hip Fracture	0									
Sepsis	2	0.0	31.4	*	0.0	36.5	*	0.0	42.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	54
Occupancy Rate	78
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	3
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ROOSEVELT MEMORIAL HOSPITAL

Medicare Provider Number: 270067

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	83	7.2	8.6	3.4	9.6	13.4	5.1	12.0	17.1	6.9
CONDITIONS:										
Acute Myocardial Infarction	2	50.0	40.3	*	50.0	43.8	*	50.0	47.4	*
Congestive Heart Failure	6	33.3	19.6	*	50.0	29.4	*	50.0	37.0	*
Pneumonia/Influenza	6	0.0	11.4	*	0.0	16.0	*	0.0	19.7	*
Chronic Obstructive Pulmonary Disease	3	0.0	10.0	*	0.0	17.4	*	0.0	23.4	*
Transient Cerebral Ischemia	2	0.0	2.4	*	0.0	5.0	*	0.0	7.9	*
Stroke	2	0.0	14.4	*	0.0	18.5	*	0.0	22.3	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	9.4	*	0.0	16.6	*	0.0	19.6	*
Hysterectomy	1	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	87	10.3	7.7	5.7	11.5	11.7	5.4	16.1	15.0	7.0
CONDITIONS:										
Acute Myocardial Infarction	2	50.0	27.7	*	50.0	30.1	*	100.0	33.3	*
Congestive Heart Failure	2	0.0	14.7	*	0.0	22.6	*	0.0	29.1	*
Pneumonia/Influenza	10	10.0	10.3	*	10.0	14.0	*	10.0	17.3	*
Chronic Obstructive Pulmonary Disease	4	0.0	6.6	*	0.0	12.2	*	0.0	17.0	*
Transient Cerebral Ischemia	3	0.0	1.8	*	0.0	3.8	*	0.0	6.1	*
Stroke	3	33.3	17.8	*	33.3	23.9	*	33.3	28.7	*
Hip Fracture	1	100.0	10.6	*	100.0	16.9	*	100.0	20.5	*
Sepsis	2	50.0	24.8	*	50.0	32.1	*	50.0	37.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ROSEBUD HEALTH CARE CENTER

383 N 17th Ave
Forsyth, MT 59327

Medicare Provider Number: 270016

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	81	9.9	9.0	4.4	19.8	13.3	6.6	19.8	17.1	4.7
CONDITIONS:										
Acute Myocardial Infarction	3	33.3	49.5	*	33.3	56.0	*	33.3	60.2	*
Congestive Heart Failure	5	0.0	14.6	*	60.0	24.5	*	60.0	32.2	*
Pneumonia/Influenza	12	8.3	11.8	*	16.7	16.0	*	16.7	19.6	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	2	0.0	2.9	*	0.0	6.2	*	0.0	9.9	*
Stroke	3	33.3	20.0	*	33.3	26.6	*	33.3	31.6	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	75
Occupancy Rate	84
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	3
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ROSEBUD HEALTH CARE CENTER

Medicare Provider Number: 270016

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	66	7.6	9.1	4.0	12.1	13.2	4.7	15.2	16.4	4.7
CONDITIONS:										
Acute Myocardial Infarction	3	0.0	36.7	*	33.3	39.7	*	33.3	43.5	*
Congestive Heart Failure	1	100.0	12.6	*	100.0	19.7	*	100.0	25.8	*
Pneumonia/Influenza	8	12.5	15.6	*	12.5	21.0	*	25.0	25.4	*
Chronic Obstructive Pulmonary Disease	2	0.0	7.4	*	0.0	13.4	*	0.0	18.8	*
Transient Cerebral Ischemia	1	0.0	2.2	*	0.0	5.6	*	0.0	9.2	*
Stroke	1	0.0	14.0	*	0.0	18.5	*	0.0	22.4	*
Hip Fracture	2	0.0	12.9	*	0.0	20.6	*	0.0	25.1	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	91	8.8	11.3	4.3	9.9	15.8	5.1	12.1	19.4	5.9
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	9.1	*	0.0	14.2	*	0.0	18.2	*
Congestive Heart Failure	1	0.0	26.0	*	0.0	39.2	*	100.0	48.8	*
Pneumonia/Influenza	11	9.1	18.3	*	9.1	24.4	*	9.1	28.7	*
Chronic Obstructive Pulmonary Disease	4	0.0	13.6	*	0.0	19.5	*	0.0	23.6	*
Transient Cerebral Ischemia	1	0.0	3.0	*	0.0	7.3	*	0.0	12.3	*
Stroke	1	0.0	27.8	*	0.0	34.7	*	0.0	40.3	*
Hip Fracture	1	0.0	6.5	*	0.0	11.8	*	100.0	15.4	*
Sepsis	2	100.0	62.7	*	100.0	67.3	*	100.0	72.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ROUNDUP MEMORIAL HOSPITAL

1202 3rd St West
Roundup, MT 59072

Medicare Provider Number: 270081

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	66	6.1	9.2	4.3	7.6	13.8	5.7	10.6	17.6	7.2
CONDITIONS:										
Acute Myocardial Infarction	2	0.0	14.0	*	0.0	16.4	*	0.0	18.9	*
Congestive Heart Failure	10	0.0	11.7	*	10.0	17.2	*	10.0	22.7	*
Pneumonia/Influenza	6	0.0	13.2	*	0.0	18.6	*	0.0	22.7	*
Chronic Obstructive Pulmonary Disease	3	0.0	8.9	*	0.0	14.8	*	0.0	19.9	*
Transient Cerebral Ischemia	1	0.0	3.1	*	0.0	7.0	*	0.0	11.5	*
Stroke	1	100.0	28.8	*	100.0	37.8	*	100.0	43.5	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	54
Occupancy Rate	69
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	3
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ROUNDUP MEMORIAL HOSPITAL

Medicare Provider Number: 270081

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	100	8.0	8.9	4.7	14.0	13.8	3.9	17.0	17.9	3.9
CONDITIONS:										
Acute Myocardial Infarction	4	25.0	16.7	*	50.0	19.7	*	75.0	22.8	*
Congestive Heart Failure	11	0.0	17.9	*	9.1	25.1	*	9.1	32.0	*
Pneumonia/Influenza	9	11.1	18.3	*	33.3	26.4	*	33.3	31.6	*
Chronic Obstructive Pulmonary Disease	4	0.0	7.9	*	0.0	14.0	*	0.0	19.3	*
Transient Cerebral Ischemia	0									
Stroke	1	0.0	12.8	*	0.0	18.4	*	0.0	22.1	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	51	17.6	10.8	6.9	19.6	15.8	6.4	23.5	20.2	6.5
CONDITIONS:										
Acute Myocardial Infarction	2	0.0	21.1	*	0.0	25.3	*	0.0	29.2	*
Congestive Heart Failure	3	0.0	8.7	*	0.0	13.3	*	33.3	17.8	*
Pneumonia/Influenza	4	0.0	8.4	*	0.0	12.5	*	0.0	15.6	*
Chronic Obstructive Pulmonary Disease	4	50.0	7.2	*	50.0	12.9	*	50.0	18.3	*
Transient Cerebral Ischemia	0									
Stroke	3	0.0	19.3	*	0.0	25.3	*	0.0	30.3	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

SHERIDAN MEMORIAL HOSPITAL

440 West Laurel Ave
Plentywood, MT 59254

Medicare Provider Number: 270058

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	213	7.0	9.5	3.4	11.3	14.8	3.5	13.6	18.9	4.7
CONDITIONS:										
Acute Myocardial Infarction	8	25.0	26.3	*	25.0	29.8	*	25.0	33.5	*
Congestive Heart Failure	17	17.6	18.4	*	29.4	28.6	*	35.3	36.4	*
Pneumonia/Influenza	12	8.3	17.6	*	8.3	24.1	*	8.3	29.0	*
Chronic Obstructive Pulmonary Disease	6	16.7	10.7	*	16.7	20.3	*	16.7	29.1	*
Transient Cerebral Ischemia	1	0.0	1.0	*	0.0	2.2	*	0.0	3.5	*
Stroke	10	40.0	21.9	*	40.0	28.1	*	40.0	32.6	*
Hip Fracture	9	0.0	8.1	*	11.1	14.5	*	11.1	18.9	*
Sepsis	1	0.0	47.1	*	0.0	59.2	*	100.0	71.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	7	0.0	7.0	*	0.0	13.3	*	0.0	17.9	*
Prostatectomy	3	0.0	1.5	*	0.0	3.7	*	0.0	6.2	*
Cholecystectomy	6	0.0	2.4	*	0.0	4.3	*	0.0	5.8	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	85
Occupancy Rate	92
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	2
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

SHERIDAN MEMORIAL HOSPITAL

Medicare Provider Number: 270058

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	227	7.5	9.7	2.7	11.5	15.1	3.8	14.5	19.3	4.6
CONDITIONS:										
Acute Myocardial Infarction	4	0.0	24.2	*	0.0	27.7	*	0.0	31.4	*
Congestive Heart Failure	26	7.7	15.6	*	11.5	24.6	*	19.2	31.7	*
Pneumonia/Influenza	9	22.2	27.6	*	33.3	38.7	*	33.3	45.7	*
Chronic Obstructive Pulmonary Disease	4	50.0	8.4	*	50.0	15.4	*	50.0	21.6	*
Transient Cerebral Ischemia	2	0.0	1.0	*	0.0	2.1	*	0.0	3.2	*
Stroke	7	0.0	28.1	*	28.6	37.0	*	28.6	42.7	*
Hip Fracture	4	0.0	4.7	*	0.0	8.9	*	0.0	12.6	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	4	0.0	4.1	*	0.0	8.1	*	0.0	11.7	*
Prostatectomy	0									
Cholecystectomy	5	0.0	1.5	*	0.0	2.9	*	0.0	3.9	*
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	208	7.7	9.8	4.2	11.5	15.0	5.6	16.3	19.2	6.1
CONDITIONS:										
Acute Myocardial Infarction	6	50.0	24.2	*	50.0	27.3	*	50.0	30.8	*
Congestive Heart Failure	15	6.7	16.8	*	13.3	26.1	*	13.3	33.4	*
Pneumonia/Influenza	15	20.0	22.7	*	26.7	31.0	*	46.7	37.5	*
Chronic Obstructive Pulmonary Disease	6	0.0	12.3	*	0.0	20.6	*	16.7	26.1	*
Transient Cerebral Ischemia	0									
Stroke	11	18.2	19.7	*	18.2	26.0	*	27.3	30.9	*
Hip Fracture	6	0.0	11.9	*	16.7	21.0	*	33.3	27.2	*
Sepsis	1	0.0	39.0	*	0.0	46.8	*	0.0	55.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	5.8	*	0.0	11.0	*	0.0	14.8	*
Open Reduction of Hip Fracture	5	0.0	11.5	*	20.0	21.5	*	40.0	28.4	*
Prostatectomy	0									
Cholecystectomy	4	0.0	2.4	*	0.0	4.5	*	0.0	6.0	*
Hysterectomy	2	0.0	1.1	*	0.0	2.2	*	0.0	3.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST JAMES COMMUNITY HOSPITAL

2500 Continental Dr Box 3300
Butte, MT 59701

Medicare Provider Number: 270017

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,535	8.6	7.2	2.6	13.1	11.3	3.3	16.6	14.7	3.0
CONDITIONS:										
Acute Myocardial Infarction	37	18.9	25.3	*	24.3	27.9	*	24.3	30.9	*
Congestive Heart Failure	51	11.8	13.0	4.9	21.6	20.3	5.9	25.5	26.7	6.4
Pneumonia/Influenza	66	10.6	13.6	8.3	15.2	18.8	8.5	21.2	22.9	5.8
Chronic Obstructive Pulmonary Disease	14	21.4	6.0	*	42.9	10.2	*	50.0	13.9	*
Transient Cerebral Ischemia	16	6.3	1.9	*	6.3	4.1	*	6.3	6.6	*
Stroke	42	26.2	20.3	*	33.3	27.3	*	35.7	31.7	*
Hip Fracture	42	11.9	5.2	*	11.9	9.6	*	14.3	12.5	*
Sepsis	4	0.0	30.1	*	0.0	36.3	*	0.0	42.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	12	0.0	3.4	*	0.0	6.6	*	0.0	9.5	*
Carotid Endarterectomy	3	0.0	1.4	*	0.0	2.5	*	33.3	3.7	*
Hip Replacement/Reconstruction	34	0.0	3.0	*	0.0	5.8	*	2.9	7.8	*
Open Reduction of Hip Fracture	13	7.7	5.5	*	7.7	10.2	*	7.7	13.3	*
Prostatectomy	100	0.0	1.0	1.3	1.0	2.4	1.9	2.0	4.0	2.6
Cholecystectomy	48	8.3	3.7	*	12.5	6.6	*	16.7	8.6	*
Hysterectomy	10	10.0	1.6	*	10.0	3.1	*	10.0	3.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	274
Occupancy Rate	34
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	62
Percent of Physicians Board Certified Specialists	79
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST JAMES COMMUNITY HOSPITAL

Medicare Provider Number: 270017

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,568	9.8	7.6	1.0	14.9	12.1	1.3	18.1	15.7	1.2
CONDITIONS:										
Acute Myocardial Infarction	27	44.4	29.4	*	48.1	32.3	*	51.9	35.5	*
Congestive Heart Failure	55	12.7	14.3	7.0	16.4	22.3	10.1	23.6	29.0	10.8
Pneumonia/Influenza	63	19.0	13.7	6.3	23.8	19.3	6.9	25.4	23.8	5.6
Chronic Obstructive Pulmonary Disease	17	5.9	8.2	*	5.9	14.3	*	17.6	19.8	*
Transient Cerebral Ischemia	22	4.5	2.3	*	13.6	5.2	*	13.6	8.2	*
Stroke	43	34.9	19.8	*	34.9	26.0	*	34.9	30.3	*
Hip Fracture	56	12.5	6.3	5.2	23.2	12.1	6.8	26.8	15.9	7.2
Sepsis	4	25.0	32.8	*	25.0	41.7	*	25.0	49.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	7.6	*	0.0	10.4	*	0.0	13.3	*
Carotid Endarterectomy	1	0.0	1.4	*	0.0	2.6	*	0.0	3.9	*
Hip Replacement/Reconstruction	42	11.9	4.5	*	19.0	9.0	*	21.4	12.1	*
Open Reduction of Hip Fracture	13	0.0	6.0	*	23.1	11.8	*	23.1	15.9	*
Prostatectomy	112	0.0	1.3	1.8	3.6	3.2	1.8	6.2	5.3	2.7
Cholecystectomy	20	10.0	5.0	*	25.0	8.9	*	30.0	11.3	*
Hysterectomy	9	0.0	2.0	*	0.0	4.1	*	0.0	6.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,531	9.1	7.2	5.1	13.7	11.6	6.0	16.7	15.0	6.6
CONDITIONS:										
Acute Myocardial Infarction	28	39.3	28.1	*	39.3	31.2	*	46.4	34.6	*
Congestive Heart Failure	57	19.3	15.4	6.7	24.6	23.5	5.7	28.1	30.4	6.7
Pneumonia/Influenza	50	10.0	12.2	*	16.0	17.3	*	18.0	21.5	*
Chronic Obstructive Pulmonary Disease	22	22.7	8.5	*	27.3	14.5	*	27.3	19.4	*
Transient Cerebral Ischemia	22	9.1	1.9	*	9.1	4.1	*	9.1	6.3	*
Stroke	41	24.4	20.6	*	29.3	27.3	*	36.6	31.9	*
Hip Fracture	61	18.0	6.1	5.4	23.0	11.7	6.0	29.5	15.7	7.0
Sepsis	6	83.3	23.3	*	83.3	33.2	*	83.3	39.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	14	7.1	3.9	*	7.1	7.4	*	7.1	10.3	*
Carotid Endarterectomy	2	0.0	4.1	*	0.0	8.8	*	0.0	12.2	*
Hip Replacement/Reconstruction	53	11.3	3.8	5.4	15.1	7.7	6.4	18.9	10.6	6.9
Open Reduction of Hip Fracture	14	14.3	5.6	*	21.4	11.2	*	21.4	15.1	*
Prostatectomy	99	4.0	1.2	2.3	7.1	2.8	3.5	7.1	4.6	3.2
Cholecystectomy	33	3.0	3.8	*	9.1	6.5	*	12.1	8.3	*
Hysterectomy	19	0.0	0.9	*	5.3	1.8	*	5.3	2.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

St. James Community Hospital, Inc.

January 15, 1991

Attn: Mrs. Sandra Kappert
Health Standards and Quality Bureau
Health Care Financing Administration
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

RE: HCFA Mortality Rate Study

Dear Mrs. Kappert:

The enclosed document includes the changes that need to be made to the Hospital Characteristics section of the hopsital mortality rate study currently being conducted by HCFA. This information is also being telefaxed to you today.

If you have any questions regarding the enclosed information, please do not hesitate to contact me.

Sincerely yours,

Thomas McFarland
Vice President, Fiscal Services

Thomas McFarland

TM/rp
Enclosure
cc: Sister Loretto Marie Colwell

P.O. Box 3300 400 South Clark Street Butte, Montana 59702 (406) 782-8361

St. James Community Hospital, Inc.

Hospital ID: 270017

The Hospital Characteristics on enclosure C should be corrected to read as follows:

Hospital Characteristics

Total Beds 270

Staffing

Registered Nurses	137
Licensed Practical Nurses	187

Specialty Services

Trauma Center	Yes
Other Intensive Care	Yes

Comments:

Cancer: St. James Community Hospital, Inc., has a Regional Cancer Treatment Center that provides treatment to patients from surrounding areas.

Severe Trauma: St. James Community Hospital, Inc., has a Class II designated Trauma Center.

Chronic Obstructive Pulmonary Disease: The number of cases reported reflect the environmental conditions of the area due to mining.

Other Intensive Care: St. James Community Hospital, Inc., has a Level II Neonatal Intensive Care Unit.

LR/rp
January 11, 1991

P.O. Box 3300 400 South Clark Street Butte, Montana 59702 (406) 782-8361

ST JOHNS LUTHERAN HOSPITAL

350 Louisiana Ave
Libby, MT 59923

Medicare Provider Number: 270035

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	235	10.6	8.4	2.3	16.6	13.0	4.6	22.1	16.8	7.5
CONDITIONS:										
Acute Myocardial Infarction	7	28.6	22.0	*	28.6	26.3	*	28.6	30.2	*
Congestive Heart Failure	19	10.5	14.1	*	21.1	22.5	*	31.6	29.6	*
Pneumonia/Influenza	13	15.4	13.6	*	15.4	19.2	*	23.1	23.4	*
Chronic Obstructive Pulmonary Disease	5	0.0	9.2	*	20.0	15.6	*	40.0	21.0	*
Transient Cerebral Ischemia	4	0.0	2.2	*	0.0	5.3	*	0.0	8.6	*
Stroke	7	14.3	20.6	*	28.6	28.8	*	28.6	34.4	*
Hip Fracture	5	0.0	6.2	*	0.0	9.8	*	0.0	12.3	*
Sepsis	1	100.0	53.0	*	100.0	66.8	*	100.0	72.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	1.3	*	0.0	2.2	*	0.0	2.9	*
Open Reduction of Hip Fracture	2	0.0	8.8	*	0.0	14.2	*	0.0	17.5	*
Prostatectomy	0									
Cholecystectomy	4	0.0	1.4	*	0.0	2.4	*	25.0	3.1	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	29
Occupancy Rate	48
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	23
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST JOHNS LUTHERAN HOSPITAL

Medicare Provider Number: 270035

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	215	7.4	9.0	2.6	12.6	13.4	2.9	15.3	17.2	3.0
CONDITIONS:										
Acute Myocardial Infarction	12	25.0	31.1	*	41.7	34.3	*	50.0	37.7	*
Congestive Heart Failure	11	9.1	13.3	*	18.2	20.6	*	18.2	27.1	*
Pneumonia/Influenza	12	8.3	14.8	*	8.3	20.8	*	8.3	25.5	*
Chronic Obstructive Pulmonary Disease	9	11.1	10.9	*	22.2	17.6	*	22.2	22.5	*
Transient Cerebral Ischemia	5	0.0	2.7	*	0.0	6.6	*	0.0	11.0	*
Stroke	12	16.7	16.2	*	16.7	21.4	*	25.0	25.7	*
Hip Fracture	11	0.0	6.0	*	9.1	11.0	*	9.1	14.3	*
Sepsis	2	50.0	30.6	*	50.0	42.9	*	50.0	53.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	2.6	*	33.3	4.6	*	33.3	5.8	*
Open Reduction of Hip Fracture	4	0.0	4.9	*	0.0	9.9	*	0.0	13.7	*
Prostatectomy	0									
Cholecystectomy	4	0.0	1.2	*	0.0	1.9	*	0.0	2.4	*
Hysterectomy	1	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	201	8.5	9.1	2.7	12.9	13.2	3.7	14.9	16.5	3.7
CONDITIONS:										
Acute Myocardial Infarction	8	50.0	25.4	*	50.0	28.3	*	50.0	31.6	*
Congestive Heart Failure	12	16.7	16.0	*	16.7	23.8	*	16.7	30.3	*
Pneumonia/Influenza	18	11.1	15.7	*	16.7	23.0	*	16.7	28.1	*
Chronic Obstructive Pulmonary Disease	3	0.0	12.4	*	0.0	19.9	*	33.3	25.4	*
Transient Cerebral Ischemia	1	0.0	0.4	*	0.0	0.8	*	0.0	1.2	*
Stroke	8	0.0	16.7	*	12.5	21.3	*	12.5	25.3	*
Hip Fracture	2	0.0	5.6	*	0.0	10.2	*	0.0	13.5	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	2.4	*	0.0	4.8	*	0.0	6.5	*
Open Reduction of Hip Fracture	1	0.0	5.7	*	0.0	10.4	*	0.0	13.7	*
Prostatectomy	0									
Cholecystectomy	6	0.0	0.5	*	0.0	0.9	*	0.0	1.3	*
Hysterectomy	1	0.0	0.2	*	0.0	0.3	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST JOSEPH HOSPITAL

Box 1010 Skyline Dr
Polson, MT 59860

Medicare Provider Number: 270008

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	187	9.6	7.8	3.6	13.4	12.2	3.6	17.1	15.8	5.4
CONDITIONS:										
Acute Myocardial Infarction	8	25.0	20.3	*	25.0	23.4	*	37.5	26.7	*
Congestive Heart Failure	16	6.3	12.3	*	6.3	19.4	*	12.5	25.7	*
Pneumonia/Influenza	9	11.1	11.8	*	22.2	17.7	*	33.3	21.9	*
Chronic Obstructive Pulmonary Disease	6	0.0	5.0	*	16.7	10.3	*	16.7	15.5	*
Transient Cerebral Ischemia	5	0.0	1.7	*	0.0	3.8	*	0.0	6.0	*
Stroke	9	44.4	15.4	*	55.6	21.2	*	55.6	25.6	*
Hip Fracture	0									
Sepsis	1	0.0	30.4	*	0.0	37.3	*	0.0	44.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.6	*	100.0	3.4	*	100.0	5.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	3	0.0	7.8	*	0.0	12.3	*	0.0	14.4	*
Hysterectomy	1	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	40
Occupancy Rate	15
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	11
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST JOSEPH HOSPITAL

Medicare Provider Number: 270008

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	233	9.4	8.8	1.9	13.3	13.5	2.3	15.9	17.1	2.8
CONDITIONS:										
Acute Myocardial Infarction	10	40.0	24.1	*	40.0	27.3	*	50.0	30.7	*
Congestive Heart Failure	11	9.1	11.4	*	9.1	17.8	*	18.2	23.4	*
Pneumonia/Influenza	8	12.5	15.2	*	12.5	20.1	*	12.5	24.3	*
Chronic Obstructive Pulmonary Disease	7	0.0	13.3	*	0.0	23.5	*	0.0	31.6	*
Transient Cerebral Ischemia	6	16.7	1.8	*	16.7	4.0	*	16.7	6.2	*
Stroke	9	11.1	22.6	*	11.1	29.3	*	22.2	34.2	*
Hip Fracture	2	50.0	3.8	*	50.0	8.2	*	50.0	11.9	*
Sepsis	1	100.0	31.0	*	100.0	37.0	*	100.0	43.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	2.7	*	0.0	4.8	*	0.0	7.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	4	0.0	0.7	*	0.0	1.4	*	0.0	1.9	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	223	8.1	7.9	1.9	12.6	12.2	2.9	15.2	15.7	3.4
CONDITIONS:										
Acute Myocardial Infarction	7	42.9	27.3	*	42.9	32.2	*	42.9	36.2	*
Congestive Heart Failure	11	0.0	15.3	*	0.0	23.4	*	9.1	30.4	*
Pneumonia/Influenza	11	0.0	15.1	*	9.1	20.7	*	9.1	25.6	*
Chronic Obstructive Pulmonary Disease	5	20.0	9.5	*	20.0	16.7	*	20.0	23.0	*
Transient Cerebral Ischemia	4	0.0	1.7	*	0.0	3.9	*	0.0	6.3	*
Stroke	7	57.1	21.7	*	57.1	28.4	*	57.1	33.5	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	0.8	*	0.0	1.4	*	0.0	1.9	*
Hysterectomy	1	0.0	0.2	*	0.0	0.4	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST LUKE COMMUNITY HOSPITAL

107 6th Ave SW
Ronan, MT 59864

Medicare Provider Number: 270019

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	169	11.8	9.3	6.5	17.2	13.4	11.4	19.5	17.0	13.3
CONDITIONS:										
Acute Myocardial Infarction	5	20.0	32.0	*	20.0	35.6	*	40.0	39.9	*
Congestive Heart Failure	9	11.1	12.4	*	11.1	20.4	*	22.2	27.2	*
Pneumonia/Influenza	16	6.3	13.3	*	12.5	18.5	*	12.5	22.9	*
Chronic Obstructive Pulmonary Disease	6	16.7	16.7	*	50.0	27.6	*	66.7	35.2	*
Transient Cerebral Ischemia	3	0.0	1.4	*	0.0	3.2	*	0.0	5.2	*
Stroke	8	12.5	23.9	*	37.5	30.4	*	37.5	35.4	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	3	33.3	0.9	*	33.3	1.6	*	33.3	2.2	*
Hysterectomy	1	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	67
Occupancy Rate	72
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	7
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST LUKE COMMUNITY HOSPITAL

Medicare Provider Number: 270019

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	138	5.8	8.3	3.2	10.1	12.4	3.8	13.0	15.7	4.2
CONDITIONS:										
Acute Myocardial Infarction	2	0.0	21.8	*	0.0	24.5	*	0.0	27.9	*
Congestive Heart Failure	4	25.0	12.8	*	50.0	19.9	*	50.0	26.1	*
Pneumonia/Influenza	12	0.0	13.7	*	8.3	18.5	*	8.3	22.5	*
Chronic Obstructive Pulmonary Disease	8	0.0	14.5	*	12.5	23.5	*	50.0	29.3	*
Transient Cerebral Ischemia	0									
Stroke	6	0.0	23.7	*	16.7	30.4	*	16.7	35.4	*
Hip Fracture	0									
Sepsis	1	0.0	13.6	*	0.0	19.7	*	0.0	24.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	1.4	*	0.0	2.6	*	0.0	3.6	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	149	8.1	8.0	2.3	14.1	12.5	2.9	16.8	16.3	3.3
CONDITIONS:										
Acute Myocardial Infarction	3	66.7	41.9	*	66.7	48.3	*	66.7	54.0	*
Congestive Heart Failure	11	18.2	11.8	*	18.2	18.6	*	27.3	24.6	*
Pneumonia/Influenza	10	10.0	18.9	*	20.0	25.7	*	30.0	30.6	*
Chronic Obstructive Pulmonary Disease	2	0.0	17.6	*	0.0	30.2	*	0.0	38.0	*
Transient Cerebral Ischemia	1	0.0	0.7	*	0.0	1.6	*	0.0	2.5	*
Stroke	2	0.0	16.9	*	0.0	22.6	*	0.0	27.4	*
Hip Fracture	1	0.0	7.5	*	0.0	14.2	*	0.0	19.0	*
Sepsis	1	0.0	45.3	*	0.0	57.1	*	0.0	67.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	4	0.0	1.2	*	0.0	2.3	*	0.0	3.1	*
Hysterectomy	2	0.0	0.6	*	0.0	1.0	*	0.0	1.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST PATRICK HOSPITAL

500 W Broadway Box 4587
Missoula, MT 59806

Medicare Provider Number: 270014

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,242	5.8	7.5	0.8	10.0	11.8	1.0	13.1	15.3	1.2
CONDITIONS:										
Acute Myocardial Infarction	71	19.7	24.2	5.5	19.7	27.1	6.3	21.1	30.2	7.0
Congestive Heart Failure	69	13.0	13.8	4.4	18.8	21.6	5.6	26.1	28.2	6.1
Pneumonia/Influenza	81	7.4	18.5	6.3	19.8	25.4	6.4	25.9	30.6	5.6
Chronic Obstructive Pulmonary Disease	27	11.1	6.0	*	14.8	10.6	*	18.5	15.0	*
Transient Cerebral Ischemia	21	0.0	2.0	*	9.5	4.3	*	9.5	6.8	*
Stroke	55	18.2	18.6	7.5	20.0	25.3	10.4	25.5	29.8	9.6
Hip Fracture	58	5.2	6.2	3.7	5.2	11.2	5.9	10.3	14.6	6.0
Sepsis	12	0.0	26.0	*	16.7	36.1	*	25.0	43.1	*
PROCEDURES:										
Angioplasty	183	2.2	3.1	1.7	3.3	4.2	2.0	4.4	5.4	2.3
Coronary Artery Bypass Graft	51	15.7	4.7	5.3	15.7	6.6	5.0	15.7	8.1	5.2
Initial Pacemaker Insertion	16	6.3	2.5	*	6.3	5.0	*	6.3	7.5	*
Carotid Endarterectomy	12	0.0	1.8	*	0.0	3.7	*	0.0	5.6	*
Hip Replacement/Reconstruction	68	2.9	1.9	2.0	2.9	3.7	2.6	5.9	5.2	2.8
Open Reduction of Hip Fracture	34	2.9	5.8	*	2.9	10.9	*	5.9	14.4	*
Prostatectomy	93	1.1	1.0	1.1	2.2	2.3	1.6	4.3	3.9	2.2
Cholecystectomy	30	3.3	4.6	*	6.7	8.3	*	6.7	10.4	*
Hysterectomy	12	0.0	1.8	*	8.3	4.3	*	16.7	6.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	213
Occupancy Rate	58
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	214
Licensed Practical Nurses	23

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST PATRICK HOSPITAL

Medicare Provider Number: 270014

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,331	7.5	7.8	0.7	10.9	12.1	0.9	13.7	15.6	1.0
CONDITIONS:										
Acute Myocardial Infarction	82	18.3	24.1	5.5	19.5	27.0	6.2	20.7	30.3	6.8
Congestive Heart Failure	62	12.9	16.2	6.9	17.7	25.1	11.1	25.8	32.3	12.2
Pneumonia/Influenza	48	20.8	18.9	*	27.1	25.8	*	29.2	30.7	*
Chronic Obstructive Pulmonary Disease	37	10.8	7.7	*	16.2	13.6	*	16.2	18.8	*
Transient Cerebral Ischemia	31	0.0	2.2	*	0.0	4.8	*	3.2	7.5	*
Stroke	63	20.6	22.7	5.8	22.2	29.5	6.9	22.2	34.1	8.1
Hip Fracture	52	7.7	7.0	3.6	11.5	12.7	5.3	11.5	16.4	6.7
Sepsis	17	35.3	32.4	*	41.2	41.9	*	47.1	48.5	*
PROCEDURES:										
Angioplasty	204	7.8	4.7	2.3	8.8	5.8	2.5	10.3	7.1	2.7
Coronary Artery Bypass Graft	49	8.2	6.9	*	12.2	9.9	*	12.2	11.7	*
Initial Pacemaker Insertion	19	0.0	3.7	*	5.3	6.7	*	5.3	9.6	*
Carotid Endarterectomy	7	0.0	2.0	*	0.0	3.8	*	0.0	5.3	*
Hip Replacement/Reconstruction	57	5.3	2.7	3.1	7.0	5.2	3.4	7.0	7.0	3.6
Open Reduction of Hip Fracture	26	0.0	6.2	*	3.8	11.4	*	3.8	14.9	*
Prostatectomy	113	0.0	1.4	1.9	0.9	3.2	3.3	5.3	5.3	2.6
Cholecystectomy	32	0.0	3.0	*	0.0	5.1	*	3.1	6.6	*
Hysterectomy	15	0.0	0.8	*	0.0	1.4	*	0.0	2.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,931	7.4	8.0	2.0	11.1	12.4	2.0	14.7	15.9	2.6
CONDITIONS:										
Acute Myocardial Infarction	69	21.7	26.5	7.7	23.2	29.7	9.4	26.1	33.1	11.4
Congestive Heart Failure	49	24.5	17.2	*	28.6	26.4	*	30.6	33.7	*
Pneumonia/Influenza	44	11.4	16.3	*	22.7	22.5	*	22.7	27.4	*
Chronic Obstructive Pulmonary Disease	25	16.0	12.4	*	28.0	21.2	*	40.0	27.6	*
Transient Cerebral Ischemia	23	0.0	2.0	*	0.0	4.2	*	0.0	6.4	*
Stroke	49	10.2	26.3	*	22.4	33.0	*	24.5	37.6	*
Hip Fracture	40	2.5	7.0	*	2.5	12.8	*	12.5	16.7	*
Sepsis	9	22.2	33.7	*	22.2	45.7	*	22.2	53.3	*
PROCEDURES:										
Angioplasty	125	3.2	4.6	2.7	4.0	5.7	3.0	5.6	7.0	3.1
Coronary Artery Bypass Graft	44	11.4	5.5	*	11.4	7.4	*	11.4	8.7	*
Initial Pacemaker Insertion	16	0.0	3.5	*	0.0	6.9	*	6.3	10.0	*
Carotid Endarterectomy	3	0.0	2.0	*	0.0	4.2	*	0.0	6.3	*
Hip Replacement/Reconstruction	52	0.0	2.6	3.9	0.0	5.1	8.5	7.7	7.0	6.7
Open Reduction of Hip Fracture	18	5.6	6.3	*	5.6	12.1	*	11.1	16.0	*
Prostatectomy	85	0.0	1.2	1.6	2.4	3.0	2.1	4.7	5.1	2.6
Cholecystectomy	20	0.0	3.4	*	5.0	6.3	*	5.0	8.4	*
Hysterectomy	8	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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Executive Offices
St. Patrick Hospital

Medicare Provider Number: 27-0014

January 10, 1991

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

We respectfully request that the following comments be published with the Medicare Hospital Mortality Information about this facility:

The mortality rate for all Coronary Artery Bypass Graft (CABG) cases performed at St. Patrick Hospital in FY89 was 8.7%. In FY90 the rate was 5.2%. For all Medicare cases the mortality rate in FY89 was 10.8% and in FY90 it was 7.8%. A sampling "fluke" has caused the reported HCFA data, based on only 51 cases, to be 15.7%.

If, instead of these 51 cases, the other 69 medicare CABG cases had been sampled, the reported HCFA mortality rate would be 7.2%. Further indications of a sampling vagary is found in the very low mortality rates associated with acute myocardial infarction and angina (13.1% and 3.3% respectively).

Aggressive, multivessel angioplasty is intentionally practiced at St. Patrick Hospital and this affects the CABG mortality rate. The mortality rate for all HCFA case interventions (120 CABG + 322 angioplasties or 442 interventions) during FY89 was 5.1%.

In conclusion, it must be said that the St. Patrick Hospital Cardiac Program has very acceptable results and the data being reported by HCFA are based only on a sampling of cases.

Sincerely,

Lawrence L. White Jr.

Lawrence L. White, Jr.
President

LLW/jmt

ST PETERS COMMUNITY HOSPITAL

2475 Broadway
Helena, MT 59601

Medicare Provider Number: 270003

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,287	7.6	8.1	0.9	11.3	12.4	1.4	14.1	15.9	1.8
CONDITIONS:										
Acute Myocardial Infarction	37	32.4	25.0	*	35.1	28.2	*	37.8	31.6	*
Congestive Heart Failure	52	15.4	13.3	5.0	21.2	21.3	6.3	23.1	28.2	7.1
Pneumonia/Influenza	74	9.5	14.8	5.8	17.6	20.9	7.4	18.9	25.3	8.5
Chronic Obstructive Pulmonary Disease	18	16.7	12.1	*	16.7	19.4	*	22.2	24.9	*
Transient Cerebral Ischemia	25	0.0	2.5	*	0.0	5.9	*	4.0	9.5	*
Stroke	48	10.4	18.9	*	14.6	25.0	*	16.7	29.4	*
Hip Fracture	29	6.9	6.9	*	6.9	12.1	*	6.9	15.6	*
Sepsis	26	34.6	26.7	*	34.6	34.9	*	38.5	41.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	0.0	2.4	*	0.0	4.6	*	10.0	6.9	*
Carotid Endarterectomy	10	0.0	1.4	*	0.0	2.6	*	0.0	3.9	*
Hip Replacement/Reconstruction	21	0.0	2.8	*	0.0	5.3	*	0.0	7.2	*
Open Reduction of Hip Fracture	9	0.0	6.9	*	0.0	12.5	*	0.0	16.2	*
Prostatectomy	35	2.9	0.7	*	8.6	1.7	*	8.6	3.0	*
Cholecystectomy	23	0.0	1.6	*	0.0	2.7	*	0.0	3.6	*
Hysterectomy	12	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	99
Occupancy Rate	65
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	125
Licensed Practical Nurses	28

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST PETERS COMMUNITY HOSPITAL

Medicare Provider Number: 270003

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,206	7.0	7.1	0.8	11.3	11.1	1.0	14.1	14.4	1.0
CONDITIONS:										
Acute Myocardial Infarction	24	25.0	27.7	*	29.2	30.8	*	37.5	34.0	*
Congestive Heart Failure	45	20.0	15.2	*	24.4	23.8	*	33.3	30.7	*
Pneumonia/Influenza	62	9.7	15.8	7.6	11.3	21.4	9.3	16.1	25.7	10.3
Chronic Obstructive Pulmonary Disease	11	9.1	6.0	*	18.2	11.0	*	27.3	15.5	*
Transient Cerebral Ischemia	15	0.0	2.1	*	0.0	4.4	*	0.0	6.9	*
Stroke	34	29.4	24.3	*	32.4	30.0	*	35.3	34.4	*
Hip Fracture	38	0.0	5.9	*	2.6	10.8	*	2.6	14.1	*
Sepsis	5	80.0	28.7	*	80.0	34.8	*	100.0	41.6	*
PROCEDURES:										
Angioplasty	1	0.0	9.1	*	0.0	9.9	*	0.0	10.9	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	1.4	*	0.0	2.9	*	0.0	4.5	*
Carotid Endarterectomy	6	0.0	1.5	*	0.0	2.8	*	0.0	4.2	*
Hip Replacement/Reconstruction	27	3.7	3.2	*	3.7	6.4	*	3.7	8.9	*
Open Reduction of Hip Fracture	13	0.0	4.8	*	7.7	9.5	*	7.7	13.0	*
Prostatectomy	32	0.0	0.8	*	9.4	1.9	*	9.4	3.1	*
Cholecystectomy	27	0.0	2.0	*	3.7	3.6	*	7.4	4.7	*
Hysterectomy	8	0.0	0.4	*	0.0	0.8	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,246	7.0	7.2	2.0	12.0	11.2	1.6	14.6	14.5	2.3
CONDITIONS:										
Acute Myocardial Infarction	36	27.8	25.0	*	27.8	27.9	*	27.8	31.2	*
Congestive Heart Failure	45	8.9	15.1	*	17.8	23.6	*	22.2	30.8	*
Pneumonia/Influenza	55	10.9	12.7	5.3	16.4	17.9	6.2	20.0	22.2	6.0
Chronic Obstructive Pulmonary Disease	15	26.7	9.5	*	33.3	16.3	*	33.3	21.8	*
Transient Cerebral Ischemia	17	0.0	1.7	*	5.9	3.5	*	5.9	5.4	*
Stroke	46	10.9	19.2	*	19.6	25.6	*	26.1	30.4	*
Hip Fracture	38	0.0	5.6	*	5.3	10.3	*	7.9	13.7	*
Sepsis	2	50.0	31.9	*	50.0	38.9	*	50.0	46.3	*
PROCEDURES:										
Angioplasty	6	0.0	9.9	*	0.0	10.9	*	0.0	12.2	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	12	0.0	3.9	*	0.0	7.3	*	0.0	9.7	*
Carotid Endarterectomy	4	0.0	1.8	*	0.0	3.4	*	0.0	5.0	*
Hip Replacement/Reconstruction	26	0.0	3.8	*	3.8	7.4	*	3.8	10.0	*
Open Reduction of Hip Fracture	10	0.0	5.3	*	10.0	9.9	*	20.0	13.0	*
Prostatectomy	40	0.0	0.6	*	2.5	1.4	*	2.5	2.4	*
Cholecystectomy	28	0.0	2.2	*	0.0	4.0	*	0.0	5.2	*
Hysterectomy	12	0.0	3.6	*	0.0	5.5	*	0.0	6.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST VINCENT HOSPITAL & HEALTH CENTER

P O Box 35200
Billings, MT 59107

Medicare Provider Number: 270049

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,319	5.9	7.0	1.8	9.8	11.2	1.9	12.9	14.5	1.8
CONDITIONS:										
Acute Myocardial Infarction	33	27.3	28.5	*	36.4	30.8	*	36.4	33.7	*
Congestive Heart Failure	69	13.0	13.9	4.7	15.9	22.0	7.2	24.6	28.7	8.0
Pneumonia/Influenza	69	11.6	17.3	7.6	17.4	23.6	9.3	20.3	28.3	9.4
Chronic Obstructive Pulmonary Disease	42	4.8	7.9	*	4.8	14.1	*	9.5	19.5	*
Transient Cerebral Ischemia	26	3.8	2.3	*	3.8	5.2	*	3.8	8.1	*
Stroke	57	15.8	20.4	7.0	21.1	27.1	8.8	22.8	31.6	10.6
Hip Fracture	66	13.6	6.1	5.2	19.7	10.9	5.9	22.7	14.3	6.4
Sepsis	7	14.3	26.5	*	14.3	35.4	*	28.6	42.0	*
PROCEDURES:										
Angioplasty	45	2.2	3.0	*	2.2	3.8	*	2.2	4.7	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	15	0.0	2.2	*	0.0	4.7	*	13.3	7.2	*
Carotid Endarterectomy	32	3.1	1.7	*	9.4	3.3	*	15.6	4.8	*
Hip Replacement/Reconstruction	85	1.2	1.4	1.3	3.5	2.6	2.1	3.5	3.5	2.0
Open Reduction of Hip Fracture	23	13.0	6.6	*	26.1	12.4	*	34.8	16.5	*
Prostatectomy	73	0.0	0.6	1.3	1.4	1.5	1.5	2.7	2.6	1.9
Cholecystectomy	56	1.8	2.3	2.3	3.6	4.2	2.9	3.6	5.6	3.5
Hysterectomy	17	0.0	0.4	*	0.0	1.0	*	0.0	1.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	287
Occupancy Rate	63
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	177
Percent of Physicians Board Certified Specialists	78
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST VINCENT HOSPITAL & HEALTH CENTER

Medicare Provider Number: 270049

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,306	5.5	7.0	0.7	9.2	11.2	0.8	11.9	14.6	1.0
CONDITIONS:										
Acute Myocardial Infarction	38	44.7	26.7	*	44.7	29.9	*	47.4	33.5	*
Congestive Heart Failure	74	9.5	15.0	5.1	16.2	23.1	6.3	20.3	29.9	8.4
Pneumonia/Influenza	48	10.4	15.9	*	10.4	21.7	*	14.6	26.4	*
Chronic Obstructive Pulmonary Disease	37	2.7	5.5	*	8.1	9.6	*	16.2	13.3	*
Transient Cerebral Ischemia	30	3.3	2.1	*	6.7	4.5	*	6.7	6.9	*
Stroke	58	22.4	20.9	7.0	29.3	26.7	6.6	34.5	31.1	8.2
Hip Fracture	48	12.5	7.4	*	16.7	13.3	*	20.8	16.8	*
Sepsis	12	8.3	21.7	*	16.7	30.0	*	16.7	35.7	*
PROCEDURES:										
Angioplasty	38	5.3	4.9	*	5.3	5.8	*	7.9	6.9	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	19	5.3	2.7	*	5.3	4.9	*	10.5	7.1	*
Carotid Endarterectomy	13	0.0	1.5	*	0.0	2.9	*	0.0	4.3	*
Hip Replacement/Reconstruction	84	1.2	1.2	1.3	1.2	2.4	2.2	1.2	3.3	2.8
Open Reduction of Hip Fracture	17	11.8	7.8	*	11.8	14.3	*	17.6	18.2	*
Prostatectomy	61	0.0	0.6	1.2	0.0	1.6	2.1	1.6	2.8	2.8
Cholecystectomy	37	2.7	4.2	*	5.4	7.6	*	8.1	10.2	*
Hysterectomy	19	0.0	0.3	*	0.0	0.7	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,129	6.0	7.2	1.2	9.1	11.3	1.9	11.7	14.6	2.3
CONDITIONS:										
Acute Myocardial Infarction	40	25.0	30.0	*	30.0	33.3	*	30.0	36.7	*
Congestive Heart Failure	62	11.3	16.8	5.5	12.9	25.3	7.5	16.1	32.4	9.2
Pneumonia/Influenza	53	7.5	16.2	8.1	13.2	22.1	9.0	18.9	26.9	8.2
Chronic Obstructive Pulmonary Disease	35	8.6	8.1	*	11.4	14.3	*	20.0	19.6	*
Transient Cerebral Ischemia	27	0.0	2.5	*	7.4	5.3	*	11.1	8.0	*
Stroke	54	20.4	20.6	6.0	25.9	27.6	6.3	31.5	32.3	6.5
Hip Fracture	53	9.4	7.6	4.0	13.2	13.6	4.7	18.9	17.4	5.3
Sepsis	10	10.0	23.5	*	20.0	30.8	*	30.0	36.8	*
PROCEDURES:										
Angioplasty	38	0.0	4.1	*	0.0	5.1	*	0.0	6.2	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	18	11.1	3.1	*	11.1	6.4	*	11.1	9.4	*
Carotid Endarterectomy	4	0.0	1.3	*	0.0	2.3	*	0.0	3.3	*
Hip Replacement/Reconstruction	105	1.0	1.7	1.6	1.9	3.5	2.3	2.9	4.9	2.5
Open Reduction of Hip Fracture	25	4.0	7.7	*	12.0	14.3	*	20.0	18.5	*
Prostatectomy	73	1.4	0.7	1.1	2.7	1.8	1.8	4.1	3.0	2.5
Cholecystectomy	46	2.2	3.3	*	4.3	6.2	*	4.3	8.3	*
Hysterectomy	16	0.0	0.8	*	0.0	1.6	*	0.0	2.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

267.1

Saint Vincent Hospital and Health Center

January 10, 1991

Health Care Financing Administration
Health Standards and Quality Bureau
Attn: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Blvd.
Baltimore, MD 21207

Dear Mrs. Kappert:

Thank you for this opportunity to comment on the 1989 HCFA Mortality Data. Please find enclosed our comment sheet.

In reviewing the mortality statistics for 1989, we found the following errors:

1. Under Acute Myocardial Infarction your mortality data indicates three deaths occurring 90 days post discharge, and 9 deaths occurring within 30 days of discharge. Our records indicate that all 12 deaths occurred within the first 30 days giving us a 30 day mortality rate of 36.4% which is then constant at 90 days and 180 days.

2. We can account for only 14 deaths under the hip fracture category instead of the 15 that is indicated by your cumulative mortality rate. We believe that case [redacted] which expired almost a year after discharge may have been inadvertently included in this mortality calculation.

Overall, we feel that your data is quite accurate. We are pleased to have this to help us in our quality assurance efforts.

Should you have any questions regarding the information contained in this letter, please feel free to contact Charles R. McClave, II, M.D., (406) 657-7021.

Sincerely,

James T. Paquette

James T. Paquette
President

JTP/tr

Post Office Box 35200
Billings, Montana 59107-5200
406-657-7000
We touch your life.

MEDICARE PROVIDER #270049

Saint Vincent Hospital & Health Center would like to include the following points of technical comment to the HCFA Mortality Data to be published in the spring of 1991.

1. This data is related to mortality and medicare patients only at Saint Vincent Hospital & Health Center for the years 1987, 1988 and 1989, and differs from other indicators of inpatient mortality. This data is calculated using deaths which occurred within 30 days, 90 days, and 180 days of the last admission for a medicare beneficiary for these years.

2. In reviewing 100% of the mortality cases identified, all were found to have a poor prognosis for survival, and all had multiple comorbidities in conjunction with the principle diagnosis.

3. While observed mortality rates were somewhat higher than predicted mortality rates in acute myocardial infarction, transient cerebral ischemia, hip fracture, initial pacemaker insertion, carotid endarterectomy, and open reduction of hip fracture, none of these elevations were statistically significant. Our overall mortality rate was below that predicted for 30 days, 90 days and 180 days, but likewise, this was not statistically significant.

4. As a regional referral center for Montana and Northern Wyoming, Saint Vincent Hospital & Health Center treats patients who may be more acutely ill than the "average patient" addressed by HCFA. This is especially true in the areas of oncology, cardiology, orthopedics, trauma, and the multiple specialties of surgery.

In summary, we at Saint Vincent Hospital & Health Center are confident of our provision of quality health care. We welcome the provision of mortality data in the evaluation of our hospital quality, and we will use any patterns arising from this data in our own quality assurance activities.

STILLWATER COMMUNITY HOSPITAL

44 W Fourth P O Box 959
Columbus, MT 59019

Medicare Provider Number: 270007

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	108	10.2	9.8	5.3	16.7	15.3	9.2	19.4	19.9	10.2
CONDITIONS:										
Acute Myocardial Infarction	2	50.0	30.1	*	50.0	34.2	*	50.0	38.0	*
Congestive Heart Failure	11	9.1	12.6	*	18.2	19.5	*	27.3	25.8	*
Pneumonia/Influenza	12	0.0	12.1	*	8.3	16.7	*	8.3	20.7	*
Chronic Obstructive Pulmonary Disease	7	0.0	8.3	*	0.0	15.1	*	0.0	21.3	*
Transient Cerebral Ischemia	1	0.0	1.9	*	0.0	4.5	*	0.0	7.5	*
Stroke	2	50.0	16.1	*	50.0	21.4	*	50.0	25.7	*
Hip Fracture	1	0.0	2.7	*	0.0	4.9	*	0.0	6.6	*
Sepsis	1	0.0	33.8	*	0.0	58.2	*	0.0	72.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	2.4	*	0.0	4.5	*	0.0	6.1	*
Prostatectomy	0									
Cholecystectomy	1	0.0	0.5	*	0.0	0.9	*	0.0	1.2	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	27
Occupancy Rate	26
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	5
Percent of Physicians Board Certified Specialists	20
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

STILLWATER COMMUNITY HOSPITAL

Medicare Provider Number: 270007

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	103	6.8	7.7	4.0	9.7	12.2	5.0	13.6	16.1	5.8
CONDITIONS:										
Acute Myocardial Infarction	3	0.0	25.5	*	0.0	28.1	*	0.0	31.5	*
Congestive Heart Failure	8	12.5	17.6	*	25.0	28.1	*	37.5	36.3	*
Pneumonia/Influenza	7	14.3	12.8	*	14.3	17.5	*	14.3	21.5	*
Chronic Obstructive Pulmonary Disease	2	50.0	10.6	*	50.0	16.8	*	50.0	21.8	*
Transient Cerebral Ischemia	3	0.0	2.3	*	0.0	5.0	*	0.0	7.9	*
Stroke	6	33.3	18.6	*	33.3	25.1	*	33.3	30.0	*
Hip Fracture	3	0.0	6.8	*	0.0	13.8	*	0.0	18.7	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	2	0.0	5.8	*	0.0	12.5	*	0.0	17.6	*
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	150	4.0	8.8	5.3	8.7	13.5	5.4	10.7	17.4	6.1
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	49.9	*	100.0	61.3	*	100.0	67.7	*
Congestive Heart Failure	13	0.0	16.2	*	15.4	23.7	*	23.1	30.4	*
Pneumonia/Influenza	14	14.3	13.5	*	14.3	18.6	*	14.3	22.9	*
Chronic Obstructive Pulmonary Disease	5	0.0	5.6	*	0.0	10.3	*	0.0	14.2	*
Transient Cerebral Ischemia	1	0.0	2.6	*	0.0	6.3	*	0.0	10.5	*
Stroke	7	14.3	23.9	*	14.3	30.7	*	14.3	35.9	*
Hip Fracture	1	0.0	5.9	*	0.0	11.4	*	0.0	15.4	*
Sepsis	1	0.0	25.2	*	0.0	29.7	*	0.0	35.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	5.0	*	0.0	10.3	*	0.0	14.2	*
Prostatectomy	0									
Cholecystectomy	3	0.0	1.1	*	0.0	1.8	*	0.0	2.4	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

SWEET GRASS COMMUNITY HOSPITAL

West Fifth St
Big Timber, MT 59011

Medicare Provider Number: 270030

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	57	14.0	11.6	4.7	21.1	18.1	5.7	26.3	23.0	6.2
CONDITIONS:										
Acute Myocardial Infarction	2	50.0	27.8	*	50.0	30.1	*	50.0	33.2	*
Congestive Heart Failure	7	28.6	16.4	*	28.6	26.0	*	42.9	32.7	*
Pneumonia/Influenza	4	25.0	16.6	*	25.0	23.5	*	25.0	29.0	*
Chronic Obstructive Pulmonary Disease	3	0.0	9.7	*	33.3	15.2	*	33.3	19.9	*
Transient Cerebral Ischemia	0									
Stroke	1	0.0	12.8	*	0.0	17.0	*	0.0	20.7	*
Hip Fracture	0									
Sepsis	2	0.0	39.3	*	50.0	51.3	*	50.0	57.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds	15
Occupancy Rate	13
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	1
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

SWEET GRASS COMMUNITY HOSPITAL

Medicare Provider Number: 270030

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	56	19.6	13.7	7.5	26.8	19.0	8.3	33.9	23.3	9.5
CONDITIONS:										
Acute Myocardial Infarction	4	50.0	34.2	*	50.0	37.3	*	50.0	40.8	*
Congestive Heart Failure	4	50.0	17.7	*	50.0	26.1	*	50.0	33.4	*
Pneumonia/Influenza	5	60.0	18.0	*	80.0	24.8	*	80.0	29.8	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	0.0	2.6	*	0.0	6.3	*	100.0	10.4	*
Stroke	4	0.0	23.1	*	0.0	29.5	*	0.0	34.5	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	45	11.1	12.9	*	20.0	19.0	*	28.9	23.9	*
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	38.4	*	0.0	41.1	*	100.0	44.1	*
Congestive Heart Failure	3	0.0	14.4	*	0.0	22.4	*	33.3	29.2	*
Pneumonia/Influenza	3	0.0	18.6	*	0.0	25.5	*	33.3	31.5	*
Chronic Obstructive Pulmonary Disease	1	0.0	82.7	*	0.0	97.5	*	0.0	99.6	*
Transient Cerebral Ischemia	0									
Stroke	1	0.0	14.3	*	100.0	18.9	*	100.0	22.9	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

TETON MEDICAL CENTER

915 4th Street NW
Choteau, MT 59422

Medicare Provider Number: 270031

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	107	9.3	9.1	4.2	15.0	13.7	6.0	17.8	17.5	5.6
CONDITIONS:										
Acute Myocardial Infarction	4	25.0	31.5	*	25.0	36.8	*	25.0	40.9	*
Congestive Heart Failure	9	22.2	11.4	*	44.4	17.5	*	44.4	23.2	*
Pneumonia/Influenza	6	0.0	14.4	*	0.0	19.5	*	0.0	23.9	*
Chronic Obstructive Pulmonary Disease	4	0.0	9.1	*	0.0	13.7	*	0.0	18.0	*
Transient Cerebral Ischemia	0									
Stroke	3	66.7	18.9	*	66.7	24.2	*	66.7	28.3	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	1.9	*	0.0	2.7	*	0.0	3.4	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	46
Occupancy Rate	76
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	2
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

TETON MEDICAL CENTER

Medicare Provider Number: 270031

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	95	9.5	8.3	3.0	10.5	12.7	3.9	13.7	16.5	4.9
CONDITIONS:										
Acute Myocardial Infarction	3	100.0	54.0	*	100.0	58.0	*	100.0	61.8	*
Congestive Heart Failure	6	0.0	21.5	*	0.0	34.2	*	33.3	43.5	*
Pneumonia/Influenza	6	0.0	12.6	*	0.0	17.2	*	0.0	21.1	*
Chronic Obstructive Pulmonary Disease	1	0.0	4.1	*	0.0	6.6	*	0.0	9.0	*
Transient Cerebral Ischemia	0									
Stroke	6	33.3	17.5	*	33.3	22.9	*	33.3	27.0	*
Hip Fracture	0									
Sepsis	2	50.0	18.8	*	50.0	23.5	*	50.0	28.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	96	9.4	6.2	6.5	12.5	10.0	6.7	13.5	13.5	5.7
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	29.8	*	0.0	32.5	*	0.0	36.3	*
Congestive Heart Failure	4	75.0	16.7	*	100.0	26.1	*	100.0	34.0	*
Pneumonia/Influenza	4	0.0	16.1	*	25.0	21.5	*	25.0	26.2	*
Chronic Obstructive Pulmonary Disease	3	0.0	4.4	*	0.0	8.4	*	0.0	11.6	*
Transient Cerebral Ischemia	1	0.0	1.6	*	0.0	3.1	*	0.0	4.7	*
Stroke	1	0.0	13.1	*	100.0	18.6	*	100.0	22.5	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	2.3	*	0.0	4.4	*	0.0	5.7	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

THE RUBY VALLEY HOSPITAL

220 E Crowfoot St Box 336
Sheridan, MT 59749

Medicare Provider Number: 270059

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	50	16.0	10.7	*	18.0	16.6	*	28.0	21.1	*
CONDITIONS:										
Acute Myocardial Infarction	1	100.0	59.6	*	100.0	65.8	*	100.0	71.8	*
Congestive Heart Failure	1	0.0	8.7	*	0.0	13.7	*	0.0	18.5	*
Pneumonia/Influenza	9	33.3	22.2	*	33.3	30.9	*	44.4	37.1	*
Chronic Obstructive Pulmonary Disease	2	0.0	3.4	*	0.0	7.0	*	50.0	10.5	*
Transient Cerebral Ischemia	0									
Stroke	1	0.0	19.6	*	0.0	27.8	*	0.0	32.9	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	14
Occupancy Rate	21
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	2
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

THE RUBY VALLEY HOSPITAL

Medicare Provider Number: 270059

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	62	3.2	7.7	5.0	6.5	11.8	5.9	9.7	14.9	6.7
CONDITIONS:										
Acute Myocardial Infarction	2	0.0	24.7	*	0.0	26.6	*	0.0	29.2	*
Congestive Heart Failure	1	100.0	23.0	*	100.0	33.7	*	100.0	42.0	*
Pneumonia/Influenza	4	0.0	17.6	*	0.0	24.5	*	0.0	29.9	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	0.0	1.7	*	0.0	3.8	*	0.0	6.1	*
Stroke	5	0.0	17.0	*	0.0	23.0	*	0.0	27.3	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	69	13.0	12.2	7.2	14.5	17.5	5.8	18.8	21.3	7.9
CONDITIONS:										
Acute Myocardial Infarction	6	16.7	35.9	*	33.3	43.3	*	50.0	47.0	*
Congestive Heart Failure	1	100.0	19.8	*	100.0	31.7	*	100.0	41.4	*
Pneumonia/Influenza	4	25.0	15.7	*	25.0	21.3	*	25.0	26.0	*
Chronic Obstructive Pulmonary Disease	1	100.0	27.9	*	100.0	39.5	*	100.0	47.5	*
Transient Cerebral Ischemia	3	0.0	1.6	*	0.0	3.3	*	0.0	5.1	*
Stroke	5	0.0	16.7	*	0.0	22.3	*	0.0	26.9	*
Hip Fracture	0									
Sepsis	1	0.0	16.3	*	0.0	22.7	*	0.0	28.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

TOOLE COUNTY HOSPITAL

640 Park Dr Box P
Shelby, MT 59474

Medicare Provider Number: 270026

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	119	8.4	8.3	5.8	15.1	13.1	8.4	16.8	17.1	5.7
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	34.6	*	0.0	37.3	*	0.0	40.4	*
Congestive Heart Failure	10	10.0	14.1	*	10.0	22.5	*	10.0	29.6	*
Pneumonia/Influenza	10	10.0	14.1	*	10.0	19.4	*	10.0	23.7	*
Chronic Obstructive Pulmonary Disease	3	0.0	4.8	*	0.0	9.7	*	33.3	14.6	*
Transient Cerebral Ischemia	2	0.0	1.3	*	0.0	3.0	*	0.0	4.9	*
Stroke	5	0.0	20.4	*	0.0	29.8	*	0.0	35.6	*
Hip Fracture	1	0.0	8.5	*	0.0	16.8	*	100.0	22.5	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	8.0	*	0.0	16.2	*	100.0	22.1	*
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	73
Occupancy Rate	62
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	2
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

TOOLE COUNTY HOSPITAL

Medicare Provider Number: 270026

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	148	10.8	8.5	2.6	12.8	13.1	2.8	16.2	16.6	3.3
CONDITIONS:										
Acute Myocardial Infarction	4	0.0	25.3	*	0.0	27.7	*	0.0	30.6	*
Congestive Heart Failure	8	25.0	12.5	*	25.0	19.2	*	25.0	25.0	*
Pneumonia/Influenza	14	21.4	15.5	*	21.4	21.1	*	21.4	25.5	*
Chronic Obstructive Pulmonary Disease	5	20.0	5.2	*	20.0	10.6	*	20.0	15.2	*
Transient Cerebral Ischemia	1	0.0	2.0	*	0.0	5.2	*	0.0	8.8	*
Stroke	8	25.0	22.0	*	37.5	31.7	*	37.5	37.4	*
Hip Fracture	0									
Sepsis	1	0.0	24.8	*	0.0	29.5	*	0.0	35.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	127	5.5	7.0	2.6	9.4	11.7	3.4	11.0	15.7	5.6
CONDITIONS:										
Acute Myocardial Infarction	2	0.0	20.0	*	0.0	22.1	*	0.0	24.8	*
Congestive Heart Failure	6	33.3	14.6	*	33.3	23.8	*	33.3	31.6	*
Pneumonia/Influenza	13	7.7	12.0	*	15.4	16.4	*	15.4	20.4	*
Chronic Obstructive Pulmonary Disease	1	0.0	1.9	*	0.0	3.8	*	0.0	5.5	*
Transient Cerebral Ischemia	1	0.0	1.0	*	0.0	1.7	*	0.0	2.6	*
Stroke	3	33.3	23.6	*	33.3	30.0	*	33.3	34.8	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	2.9	*	0.0	8.0	*	0.0	14.1	*
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

TRINITY HOSPITAL

315 K St
Wolf Point, MT 59201

Medicare Provider Number: 270024

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	157	12.1	7.5	5.8	16.6	11.5	7.1	18.5	14.9	6.2
CONDITIONS:										
Acute Myocardial Infarction	4	25.0	19.1	*	50.0	21.5	*	50.0	24.3	*
Congestive Heart Failure	9	0.0	14.3	*	33.3	22.8	*	44.4	29.6	*
Pneumonia/Influenza	10	20.0	17.1	*	20.0	24.4	*	20.0	29.6	*
Chronic Obstructive Pulmonary Disease	6	16.7	5.2	*	16.7	9.0	*	16.7	12.5	*
Transient Cerebral Ischemia	1	0.0	0.7	*	0.0	1.4	*	100.0	2.1	*
Stroke	5	40.0	24.5	*	40.0	32.3	*	40.0	37.8	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	0.6	*	0.0	1.4	*	0.0	2.5	*
Cholecystectomy	4	25.0	6.3	*	25.0	11.4	*	25.0	14.4	*
Hysterectomy	2	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	42
Occupancy Rate	26
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	6
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

TRINITY HOSPITAL

Medicare Provider Number: 270024

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	128	4.7	5.4	2.1	6.3	8.2	2.7	7.8	10.8	3.5
CONDITIONS:										
Acute Myocardial Infarction	7	28.6	20.4	*	28.6	23.0	*	28.6	25.9	*
Congestive Heart Failure	2	0.0	19.9	*	0.0	30.3	*	0.0	39.2	*
Pneumonia/Influenza	7	0.0	9.0	*	0.0	13.3	*	0.0	16.8	*
Chronic Obstructive Pulmonary Disease	4	25.0	2.9	*	25.0	5.4	*	25.0	7.8	*
Transient Cerebral Ischemia	1	0.0	0.9	*	0.0	2.0	*	0.0	3.0	*
Stroke	1	0.0	14.8	*	0.0	19.5	*	0.0	23.7	*
Hip Fracture	1	0.0	1.9	*	0.0	3.8	*	0.0	5.3	*
Sepsis	2	0.0	20.4	*	0.0	29.5	*	0.0	35.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	1.6	*	0.0	3.4	*	0.0	4.9	*
Prostatectomy	2	0.0	0.3	*	0.0	0.7	*	0.0	1.2	*
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	135	8.9	7.8	5.2	12.6	12.0	3.4	14.1	15.4	5.5
CONDITIONS:										
Acute Myocardial Infarction	6	33.3	27.5	*	50.0	31.6	*	50.0	35.0	*
Congestive Heart Failure	10	30.0	16.1	*	40.0	25.6	*	40.0	33.4	*
Pneumonia/Influenza	9	22.2	17.2	*	33.3	25.3	*	33.3	30.9	*
Chronic Obstructive Pulmonary Disease	5	0.0	4.9	*	0.0	8.5	*	0.0	11.4	*
Transient Cerebral Ischemia	0									
Stroke	2	0.0	22.1	*	0.0	31.4	*	0.0	37.0	*
Hip Fracture	1	100.0	7.0	*	100.0	13.9	*	100.0	18.3	*
Sepsis	1	0.0	16.8	*	100.0	30.7	*	100.0	40.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	0.2	*	0.0	0.4	*	0.0	0.8	*
Cholecystectomy	1	0.0	0.7	*	0.0	1.4	*	0.0	2.1	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

WHEATLAND MEMORIAL HOSPITAL

530 Third St NW
Harlowton, MT 59036

Medicare Provider Number: 270033

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	63	7.9	9.1	3.9	12.7	13.9	4.7	12.7	17.8	6.4
CONDITIONS:										
Acute Myocardial Infarction	3	33.3	30.9	*	33.3	36.3	*	33.3	40.6	*
Congestive Heart Failure	6	0.0	15.0	*	16.7	24.2	*	16.7	31.9	*
Pneumonia/Influenza	2	0.0	10.4	*	0.0	14.3	*	0.0	18.0	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	3	33.3	12.4	*	33.3	16.6	*	33.3	20.3	*
Hip Fracture	0									
Sepsis	2	50.0	33.3	*	50.0	38.2	*	50.0	44.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	56
Occupancy Rate	61
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

WHEATLAND MEMORIAL HOSPITAL

Medicare Provider Number: 270033

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	55	10.9	7.5	6.8	16.4	11.5	6.4	16.4	15.1	5.5
CONDITIONS:										
Acute Myocardial Infarction	2	50.0	31.8	*	50.0	36.0	*	50.0	41.5	*
Congestive Heart Failure	0									
Pneumonia/Influenza	4	0.0	13.9	*	0.0	19.7	*	0.0	24.5	*
Chronic Obstructive Pulmonary Disease	5	20.0	10.7	*	20.0	18.0	*	20.0	24.4	*
Transient Cerebral Ischemia	1	0.0	0.9	*	0.0	1.9	*	0.0	2.8	*
Stroke	1	0.0	12.9	*	0.0	16.9	*	0.0	20.5	*
Hip Fracture	1	0.0	3.7	*	100.0	6.9	*	100.0	9.4	*
Sepsis	1	0.0	21.9	*	0.0	26.8	*	0.0	32.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	72	4.2	5.9	3.5	4.2	9.8	6.9	6.9	13.3	7.7
CONDITIONS:										
Acute Myocardial Infarction	2	0.0	21.7	*	0.0	24.5	*	0.0	28.2	*
Congestive Heart Failure	5	0.0	12.0	*	0.0	19.1	*	0.0	25.6	*
Pneumonia/Influenza	3	33.3	13.6	*	33.3	19.1	*	33.3	23.6	*
Chronic Obstructive Pulmonary Disease	4	0.0	7.1	*	0.0	12.6	*	25.0	17.1	*
Transient Cerebral Ischemia	0									
Stroke	1	0.0	15.1	*	0.0	20.1	*	0.0	24.5	*
Hip Fracture	1	0.0	8.5	*	0.0	16.5	*	0.0	22.0	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

North Dakota

ASHLEY MEDICAL CENTER

612 Center Ave North
Ashley, ND 58413

Medicare Provider Number: 350049

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	105	11.4	9.8	5.7	18.1	13.8	5.0	18.1	17.2	4.3
CONDITIONS:										
Acute Myocardial Infarction	7	14.3	17.3	*	14.3	19.3	*	14.3	21.8	*
Congestive Heart Failure	4	25.0	19.7	*	75.0	30.8	*	75.0	39.7	*
Pneumonia/Influenza	2	0.0	27.9	*	50.0	38.4	*	50.0	45.8	*
Chronic Obstructive Pulmonary Disease	2	0.0	4.4	*	0.0	10.2	*	0.0	15.7	*
Transient Cerebral Ischemia	1	0.0	1.7	*	0.0	3.4	*	0.0	5.4	*
Stroke	6	50.0	27.5	*	50.0	37.0	*	50.0	43.6	*
Hip Fracture	0									
Sepsis	3	33.3	28.2	*	33.3	37.0	*	33.3	46.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	6	0.0	1.1	*	16.7	2.7	*	16.7	4.6	*
Cholecystectomy	2	0.0	1.6	*	50.0	2.9	*	50.0	3.7	*
Hysterectomy	3	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	70
Occupancy Rate	76
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	2
Percent of Physicians Board Certified Specialists	50
Medical Residents/Interns	0
Registered Nurses	6
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ASHLEY MEDICAL CENTER

Medicare Provider Number: 350049

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	122	8.2	9.1	2.7	9.8	13.6	3.5	10.7	17.2	4.4
CONDITIONS:										
Acute Myocardial Infarction	3	100.0	27.9	*	100.0	33.6	*	100.0	38.3	*
Congestive Heart Failure	4	0.0	23.2	*	25.0	34.6	*	25.0	43.1	*
Pneumonia/Influenza	8	25.0	24.1	*	25.0	32.2	*	37.5	37.8	*
Chronic Obstructive Pulmonary Disease	3	0.0	10.3	*	0.0	21.4	*	0.0	29.8	*
Transient Cerebral Ischemia	2	0.0	2.5	*	0.0	5.9	*	0.0	9.6	*
Stroke	5	40.0	30.3	*	40.0	37.4	*	40.0	41.4	*
Hip Fracture	0									
Sepsis	1	100.0	25.0	*	100.0	29.8	*	100.0	35.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	6	0.0	0.9	*	0.0	2.2	*	0.0	3.5	*
Cholecystectomy	7	0.0	1.6	*	0.0	2.9	*	0.0	3.8	*
Hysterectomy	2	0.0	0.7	*	0.0	1.4	*	0.0	1.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	108	6.5	9.8	3.3	9.3	15.5	4.5	11.1	19.9	5.3
CONDITIONS:										
Acute Myocardial Infarction	3	0.0	22.2	*	0.0	26.8	*	0.0	31.1	*
Congestive Heart Failure	4	0.0	15.4	*	0.0	23.7	*	0.0	30.6	*
Pneumonia/Influenza	7	14.3	30.9	*	28.6	40.6	*	28.6	46.3	*
Chronic Obstructive Pulmonary Disease	3	0.0	8.0	*	0.0	15.9	*	0.0	23.1	*
Transient Cerebral Ischemia	1	0.0	1.0	*	0.0	2.0	*	0.0	3.1	*
Stroke	6	0.0	16.9	*	0.0	22.0	*	0.0	26.3	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	9	0.0	1.8	*	0.0	4.6	*	0.0	8.0	*
Cholecystectomy	4	0.0	1.6	*	0.0	3.0	*	0.0	3.9	*
Hysterectomy	2	0.0	2.0	*	0.0	4.8	*	0.0	7.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

CARRINGTON HEALTH CENTER

800 N Fourth St
Carrington, ND 58421

Medicare Provider Number: 350008

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	286	6.3	7.1	2.0	9.4	10.9	2.8	11.5	14.3	3.7
CONDITIONS:										
Acute Myocardial Infarction	10	50.0	31.1	*	50.0	34.6	*	50.0	39.0	*
Congestive Heart Failure	19	15.8	15.9	*	31.6	25.0	*	31.6	31.9	*
Pneumonia/Influenza	20	5.0	16.2	*	10.0	22.4	*	10.0	27.3	*
Chronic Obstructive Pulmonary Disease	14	0.0	4.6	*	7.1	9.9	*	7.1	14.9	*
Transient Cerebral Ischemia	13	0.0	1.8	*	0.0	4.2	*	7.7	6.8	*
Stroke	5	0.0	17.2	*	0.0	23.2	*	0.0	27.7	*
Hip Fracture	3	33.3	7.4	*	33.3	12.4	*	33.3	15.4	*
Sepsis	6	16.7	18.9	*	16.7	26.6	*	16.7	32.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	5.7	*	0.0	9.3	*	0.0	11.5	*
Prostatectomy	0									
Cholecystectomy	5	0.0	1.9	*	0.0	3.4	*	0.0	4.5	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	70
Occupancy Rate	71
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	6
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	14
Licensed Practical Nurses	7

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

CARRINGTON HEALTH CENTER

Medicare Provider Number: 350008

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	257	8.6	9.6	2.4	12.1	14.7	3.1	14.8	18.7	4.0
CONDITIONS:										
Acute Myocardial Infarction	7	28.6	27.5	*	28.6	30.8	*	28.6	34.8	*
Congestive Heart Failure	18	5.6	13.6	*	5.6	21.3	*	5.6	27.7	*
Pneumonia/Influenza	14	21.4	23.2	*	28.6	32.0	*	28.6	38.1	*
Chronic Obstructive Pulmonary Disease	8	0.0	4.8	*	0.0	10.1	*	0.0	14.9	*
Transient Cerebral Ischemia	10	0.0	2.4	*	0.0	5.6	*	10.0	9.0	*
Stroke	11	27.3	17.9	*	36.4	24.4	*	45.5	29.1	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	1.1	*	0.0	1.9	*	0.0	2.5	*
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	264	4.5	8.6	2.0	6.8	13.3	2.7	8.7	17.4	3.1
CONDITIONS:										
Acute Myocardial Infarction	8	25.0	38.7	*	25.0	43.7	*	25.0	49.3	*
Congestive Heart Failure	12	0.0	16.9	*	0.0	25.6	*	0.0	32.8	*
Pneumonia/Influenza	13	7.7	16.3	*	15.4	22.2	*	23.1	27.4	*
Chronic Obstructive Pulmonary Disease	4	0.0	6.8	*	0.0	13.7	*	0.0	20.3	*
Transient Cerebral Ischemia	15	0.0	2.3	*	0.0	5.0	*	0.0	8.0	*
Stroke	11	27.3	17.2	*	36.4	23.3	*	45.5	27.9	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	1.1	*	0.0	2.8	*	0.0	4.9	*
Cholecystectomy	3	0.0	0.7	*	0.0	1.1	*	0.0	1.5	*
Hysterectomy	2	0.0	0.2	*	0.0	0.3	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

CAVALIER COUNTY MEMORIAL HOSPITAL

909 Second St
Langdon, ND 58249

Medicare Provider Number: 350056

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	188	15.4	11.2	4.0	19.7	16.6	3.7	22.9	21.0	3.3
CONDITIONS:										
Acute Myocardial Infarction	5	20.0	29.6	*	20.0	33.0	*	40.0	37.3	*
Congestive Heart Failure	9	11.1	12.6	*	11.1	19.8	*	22.2	26.1	*
Pneumonia/Influenza	28	50.0	22.4	*	53.6	29.7	*	53.6	35.4	*
Chronic Obstructive Pulmonary Disease	3	0.0	3.7	*	0.0	7.4	*	0.0	11.1	*
Transient Cerebral Ischemia	1	0.0	6.5	*	0.0	15.8	*	100.0	26.1	*
Stroke	8	37.5	27.8	*	37.5	34.1	*	37.5	39.2	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	28
Occupancy Rate	29
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	3
Percent of Physicians Board Certified Specialists	33
Medical Residents/Interns	0
Registered Nurses	12
Licensed Practical Nurses	5

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

CAVALIER COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 350056

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	169	8.9	10.2	2.6	14.8	15.4	3.3	16.0	19.8	5.3
CONDITIONS:										
Acute Myocardial Infarction	7	14.3	27.9	*	14.3	31.4	*	14.3	35.4	*
Congestive Heart Failure	6	33.3	17.7	*	33.3	26.5	*	33.3	33.7	*
Pneumonia/Influenza	14	21.4	21.0	*	28.6	27.1	*	28.6	31.7	*
Chronic Obstructive Pulmonary Disease	4	25.0	6.8	*	50.0	12.9	*	50.0	18.4	*
Transient Cerebral Ischemia	2	0.0	1.2	*	0.0	2.5	*	0.0	3.8	*
Stroke	7	14.3	21.6	*	14.3	28.5	*	14.3	33.2	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	193	9.8	10.2	2.2	13.0	14.9	3.0	15.0	19.0	4.5
CONDITIONS:										
Acute Myocardial Infarction	11	45.5	29.4	*	45.5	32.9	*	45.5	36.8	*
Congestive Heart Failure	7	28.6	14.4	*	42.9	22.0	*	42.9	28.5	*
Pneumonia/Influenza	24	4.2	17.7	*	8.3	23.5	*	8.3	28.3	*
Chronic Obstructive Pulmonary Disease	2	0.0	6.5	*	0.0	11.1	*	0.0	15.1	*
Transient Cerebral Ischemia	1	0.0	5.9	*	0.0	13.5	*	100.0	21.8	*
Stroke	10	10.0	22.1	*	10.0	29.1	*	10.0	34.5	*
Hip Fracture	0									
Sepsis	2	0.0	6.7	*	0.0	10.3	*	0.0	13.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

CITY HOSPITAL

214 Second Avenue South
New Rockford, ND 58356

Medicare Provider Number: 350031

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	113	15.0	13.3	3.6	15.0	19.5	4.5	17.7	24.2	5.4
CONDITIONS:										
Acute Myocardial Infarction	5	0.0	28.8	*	0.0	31.8	*	0.0	35.6	*
Congestive Heart Failure	4	25.0	21.0	*	25.0	32.0	*	25.0	39.6	*
Pneumonia/Influenza	22	31.8	22.7	*	31.8	30.0	*	31.8	35.1	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	0.0	0.9	*	0.0	1.9	*	0.0	2.9	*
Stroke	4	0.0	24.1	*	0.0	32.2	*	0.0	37.5	*
Hip Fracture	0									
Sepsis	2	0.0	12.1	*	0.0	20.1	*	0.0	24.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	2.9	*	0.0	4.7	*	0.0	6.0	*
Hysterectomy	1	0.0	0.5	*	0.0	0.9	*	0.0	1.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	26
Occupancy Rate	15
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	2
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	6
Licensed Practical Nurses	2

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

CITY HOSPITAL

Medicare Provider Number: 350031

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	128	10.2	14.0	3.7	20.3	20.6	5.2	25.0	25.5	4.0
CONDITIONS:										
Acute Myocardial Infarction	8	25.0	27.0	*	37.5	31.1	*	37.5	35.1	*
Congestive Heart Failure	7	14.3	19.8	*	14.3	29.5	*	28.6	37.0	*
Pneumonia/Influenza	25	4.0	24.9	*	24.0	32.8	*	32.0	38.3	*
Chronic Obstructive Pulmonary Disease	1	0.0	12.5	*	0.0	24.9	*	0.0	36.9	*
Transient Cerebral Ischemia	3	0.0	1.6	*	33.3	3.6	*	33.3	5.6	*
Stroke	3	33.3	24.2	*	33.3	32.1	*	33.3	38.1	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	120	10.8	12.2	4.9	13.3	17.8	5.4	16.7	22.4	6.6
CONDITIONS:										
Acute Myocardial Infarction	9	44.4	23.2	*	44.4	26.8	*	44.4	30.6	*
Congestive Heart Failure	4	0.0	14.7	*	0.0	22.7	*	25.0	29.3	*
Pneumonia/Influenza	13	15.4	16.2	*	15.4	21.7	*	15.4	26.4	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	2	0.0	2.9	*	0.0	7.0	*	0.0	11.7	*
Stroke	4	0.0	17.7	*	25.0	23.1	*	25.0	27.4	*
Hip Fracture	1	0.0	5.3	*	0.0	9.9	*	0.0	13.0	*
Sepsis	1	0.0	6.7	*	0.0	10.3	*	0.0	13.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	2.3	*	0.0	6.0	*	0.0	10.2	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

COMMUNITY HOSPITAL ASSOCIATION

12 3rd St SE
Hillsboro, ND 58045

Medicare Provider Number: 350027

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	60	15.0	15.6	4.7	21.7	21.7	5.4	25.0	27.0	6.0
CONDITIONS:										
Acute Myocardial Infarction	2	50.0	30.8	*	50.0	34.2	*	50.0	37.8	*
Congestive Heart Failure	7	14.3	13.8	*	14.3	20.5	*	14.3	26.7	*
Pneumonia/Influenza	18	22.2	27.0	*	33.3	35.4	*	44.4	41.9	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	2	0.0	18.7	*	0.0	24.1	*	0.0	28.3	*
Hip Fracture	0									
Sepsis	4	25.0	23.2	*	50.0	29.7	*	50.0	35.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	24
Occupancy Rate	38
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

COMMUNITY HOSPITAL ASSOCIATION
Medicare Provider Number: 350027

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	68	25.0	18.6	5.4	32.4	25.0	7.1	32.4	30.5	5.7
CONDITIONS:										
Acute Myocardial Infarction	3	66.7	50.6	*	100.0	57.0	*	100.0	62.3	*
Congestive Heart Failure	8	50.0	17.9	*	50.0	25.5	*	50.0	32.3	*
Pneumonia/Influenza	20	15.0	27.7	*	20.0	35.7	*	20.0	41.7	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	2	100.0	51.1	*	100.0	63.4	*	100.0	70.8	*
Hip Fracture	0									
Sepsis	3	0.0	35.5	*	33.3	46.1	*	33.3	54.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	54	13.0	18.2	7.2	14.8	24.3	8.4	14.8	29.2	11.1
CONDITIONS:										
Acute Myocardial Infarction	7	14.3	40.5	*	14.3	43.6	*	14.3	47.4	*
Congestive Heart Failure	4	50.0	21.1	*	50.0	29.8	*	50.0	36.7	*
Pneumonia/Influenza	5	0.0	26.4	*	0.0	34.5	*	0.0	40.6	*
Chronic Obstructive Pulmonary Disease	1	0.0	7.0	*	0.0	14.0	*	0.0	21.0	*
Transient Cerebral Ischemia	0									
Stroke	4	25.0	18.9	*	25.0	24.5	*	25.0	28.8	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

COMMUNITY HOSPITAL IN NELSON COUNTY

Main St P O Box H
McVille, ND 58254

Medicare Provider Number: 350055

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	129	12.4	9.3	4.5	19.4	14.8	4.8	21.7	19.4	4.2
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	14	28.6	16.3	*	35.7	25.4	*	35.7	32.6	*
Pneumonia/Influenza	12	33.3	17.5	*	41.7	23.6	*	50.0	28.7	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	4	0.0	1.7	*	0.0	3.8	*	0.0	6.0	*
Stroke	8	25.0	20.1	*	25.0	26.1	*	25.0	30.6	*
Hip Fracture	1	0.0	4.4	*	0.0	8.0	*	0.0	10.6	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	14
Occupancy Rate	50
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	2
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	7
Licensed Practical Nurses	1

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

COMMUNITY HOSPITAL IN NELSON COUNTY

Medicare Provider Number: 350055

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	132	6.8	11.4	3.5	9.8	16.3	4.4	12.9	20.5	5.2
CONDITIONS:										
Acute Myocardial Infarction	8	25.0	43.2	*	25.0	47.3	*	25.0	51.9	*
Congestive Heart Failure	8	12.5	15.6	*	12.5	23.4	*	37.5	29.9	*
Pneumonia/Influenza	12	8.3	19.8	*	8.3	26.4	*	8.3	31.3	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	6	16.7	2.3	*	16.7	5.1	*	16.7	8.0	*
Stroke	4	0.0	27.0	*	50.0	33.6	*	75.0	38.4	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	135	14.1	12.7	3.0	14.8	18.0	3.5	17.0	22.5	4.2
CONDITIONS:										
Acute Myocardial Infarction	3	100.0	44.4	*	100.0	48.1	*	100.0	53.2	*
Congestive Heart Failure	16	25.0	21.6	*	25.0	31.0	*	25.0	37.9	*
Pneumonia/Influenza	11	18.2	23.9	*	18.2	30.8	*	18.2	35.8	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	10	0.0	1.7	*	0.0	3.7	*	0.0	5.9	*
Stroke	3	33.3	38.3	*	33.3	47.4	*	33.3	53.3	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

COMMUNITY MEMORIAL HOSPITAL

905 Main St
Lisbon, ND 58054

Medicare Provider Number: 350041

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	235	4.7	8.8	2.5	7.2	13.4	3.0	11.1	17.3	3.2
CONDITIONS:										
Acute Myocardial Infarction	6	16.7	32.7	*	16.7	36.3	*	16.7	40.6	*
Congestive Heart Failure	6	16.7	16.7	*	16.7	26.2	*	50.0	33.4	*
Pneumonia/Influenza	16	18.8	17.7	*	18.8	24.1	*	18.8	29.3	*
Chronic Obstructive Pulmonary Disease	1	0.0	2.6	*	0.0	5.2	*	0.0	7.7	*
Transient Cerebral Ischemia	3	0.0	1.0	*	0.0	2.2	*	0.0	3.5	*
Stroke	8	0.0	27.8	*	12.5	36.3	*	12.5	41.8	*
Hip Fracture	0									
Sepsis	4	0.0	23.6	*	0.0	28.1	*	0.0	32.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	1.8	*	0.0	2.7	*	0.0	3.8	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	70
Occupancy Rate	80
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	5
Percent of Physicians Board Certified Specialists	40
Medical Residents/Interns	0
Registered Nurses	10
Licensed Practical Nurses	2

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

COMMUNITY MEMORIAL HOSPITAL

Medicare Provider Number: 350041

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	249	6.8	9.6	2.6	13.7	14.3	3.4	16.5	18.1	2.6
CONDITIONS:										
Acute Myocardial Infarction	7	0.0	37.5	*	28.6	41.8	*	28.6	45.9	*
Congestive Heart Failure	11	27.3	15.7	*	27.3	23.3	*	36.4	29.7	*
Pneumonia/Influenza	19	15.8	24.3	*	36.8	32.2	*	36.8	38.0	*
Chronic Obstructive Pulmonary Disease	2	0.0	5.5	*	0.0	9.5	*	0.0	13.3	*
Transient Cerebral Ischemia	4	0.0	2.1	*	25.0	4.8	*	25.0	7.6	*
Stroke	10	20.0	27.4	*	20.0	34.7	*	30.0	40.1	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	5	0.0	2.0	*	0.0	5.2	*	0.0	9.1	*
Cholecystectomy	1	0.0	1.1	*	0.0	2.0	*	0.0	2.7	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	247	10.9	10.9	2.2	18.6	16.1	3.5	22.7	20.2	3.2
CONDITIONS:										
Acute Myocardial Infarction	9	22.2	41.5	*	33.3	46.5	*	33.3	50.7	*
Congestive Heart Failure	20	30.0	16.1	*	45.0	24.7	*	60.0	31.7	*
Pneumonia/Influenza	15	33.3	18.6	*	33.3	25.7	*	40.0	31.3	*
Chronic Obstructive Pulmonary Disease	1	0.0	15.7	*	0.0	21.9	*	0.0	26.7	*
Transient Cerebral Ischemia	8	0.0	2.7	*	0.0	6.1	*	0.0	10.0	*
Stroke	4	25.0	20.9	*	25.0	26.9	*	25.0	31.8	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	3	0.0	0.9	*	0.0	2.3	*	0.0	3.9	*
Cholecystectomy	4	0.0	1.2	*	0.0	2.3	*	0.0	3.0	*
Hysterectomy	1	0.0	0.5	*	0.0	0.9	*	0.0	1.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

DAKOTA HOSPITAL

1720 So University Dr
Fargo, ND 58108

Medicare Provider Number: 350004

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,789	5.9	7.5	0.8	9.4	11.5	1.1	12.1	14.6	1.1
CONDITIONS:										
Acute Myocardial Infarction	37	8.1	25.6	*	10.8	28.5	*	10.8	32.0	*
Congestive Heart Failure	64	12.5	15.9	5.4	28.1	25.0	6.0	34.4	32.3	6.3
Pneumonia/Influenza	46	21.7	16.6	*	26.1	23.2	*	28.3	28.3	*
Chronic Obstructive Pulmonary Disease	15	6.7	4.1	*	13.3	8.3	*	13.3	12.1	*
Transient Cerebral Ischemia	16	0.0	1.6	*	0.0	3.6	*	0.0	5.8	*
Stroke	48	10.4	19.6	*	10.4	25.9	*	12.5	30.4	*
Hip Fracture	50	0.0	5.9	*	4.0	10.9	*	12.0	14.5	*
Sepsis	19	21.1	23.5	*	21.1	30.2	*	21.1	36.2	*
PROCEDURES:										
Angioplasty	48	2.1	3.6	*	4.2	4.7	*	4.2	6.0	*
Coronary Artery Bypass Graft	87	4.6	5.1	2.5	8.0	7.2	2.9	8.0	8.6	3.5
Initial Pacemaker Insertion	18	11.1	4.8	*	16.7	9.3	*	22.2	13.1	*
Carotid Endarterectomy	4	25.0	2.2	*	25.0	4.1	*	25.0	6.0	*
Hip Replacement/Reconstruction	115	0.9	1.6	1.3	0.9	2.9	2.0	3.5	4.0	1.8
Open Reduction of Hip Fracture	18	0.0	4.7	*	5.6	9.2	*	11.1	12.6	*
Prostatectomy	93	0.0	1.3	1.6	1.1	2.8	2.1	1.1	4.5	3.5
Cholecystectomy	49	2.0	3.9	*	4.1	7.2	*	4.1	9.5	*
Hysterectomy	9	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	165
Occupancy Rate	63
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	88
Percent of Physicians Board Certified Specialists	94
Medical Residents/Interns	0
Registered Nurses	256
Licensed Practical Nurses	37

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

DAKOTA HOSPITAL

Medicare Provider Number: 350004

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,794	5.5	7.2	0.8	9.1	11.0	1.1	11.3	14.0	1.1
CONDITIONS:										
Acute Myocardial Infarction	42	19.0	28.0	*	19.0	31.1	*	19.0	34.9	*
Congestive Heart Failure	47	19.1	17.3	*	25.5	26.5	*	31.9	33.6	*
Pneumonia/Influenza	39	17.9	15.7	*	23.1	21.5	*	25.6	26.1	*
Chronic Obstructive Pulmonary Disease	6	0.0	3.1	*	0.0	5.8	*	0.0	8.2	*
Transient Cerebral Ischemia	9	0.0	1.3	*	0.0	2.6	*	0.0	4.1	*
Stroke	43	7.0	22.9	*	18.6	29.4	*	20.9	34.0	*
Hip Fracture	44	0.0	5.5	*	0.0	10.3	*	4.5	13.5	*
Sepsis	15	20.0	31.0	*	40.0	39.1	*	40.0	45.7	*
PROCEDURES:										
Angioplasty	26	0.0	4.5	*	0.0	5.8	*	0.0	7.0	*
Coronary Artery Bypass Graft	83	4.8	6.5	3.8	7.2	8.7	4.3	8.4	10.0	4.2
Initial Pacemaker Insertion	4	0.0	3.6	*	0.0	7.3	*	0.0	11.0	*
Carotid Endarterectomy	3	0.0	1.1	*	0.0	1.9	*	0.0	2.8	*
Hip Replacement/Reconstruction	137	0.7	1.4	1.6	2.2	2.7	1.4	4.4	3.7	2.0
Open Reduction of Hip Fracture	20	0.0	5.4	*	0.0	10.6	*	0.0	14.3	*
Prostatectomy	98	1.0	0.7	0.9	1.0	1.7	1.4	1.0	2.8	2.3
Cholecystectomy	39	2.6	4.1	*	5.1	7.8	*	10.3	10.3	*
Hysterectomy	25	4.0	2.7	*	4.0	4.7	*	4.0	6.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,591	5.7	7.1	0.8	8.8	11.1	1.0	11.4	14.1	1.2
CONDITIONS:										
Acute Myocardial Infarction	39	28.2	29.0	*	30.8	32.8	*	35.9	36.7	*
Congestive Heart Failure	33	12.1	15.3	*	18.2	23.6	*	36.4	30.5	*
Pneumonia/Influenza	26	23.1	18.4	*	30.8	24.6	*	34.6	29.1	*
Chronic Obstructive Pulmonary Disease	13	15.4	9.7	*	15.4	16.4	*	15.4	21.4	*
Transient Cerebral Ischemia	12	0.0	1.6	*	0.0	3.4	*	0.0	5.3	*
Stroke	39	15.4	19.6	*	20.5	25.6	*	25.6	30.2	*
Hip Fracture	54	3.7	6.5	5.1	7.4	12.0	8.7	9.3	15.8	10.8
Sepsis	11	9.1	25.0	*	18.2	34.0	*	27.3	40.6	*
PROCEDURES:										
Angioplasty	17	0.0	3.7	*	0.0	4.6	*	0.0	5.8	*
Coronary Artery Bypass Graft	44	9.1	5.9	*	9.1	7.6	*	9.1	8.8	*
Initial Pacemaker Insertion	12	0.0	2.5	*	8.3	5.4	*	16.7	8.3	*
Carotid Endarterectomy	9	0.0	1.6	*	11.1	3.1	*	11.1	4.7	*
Hip Replacement/Reconstruction	87	1.1	2.2	1.8	2.3	4.3	3.0	2.3	5.8	3.6
Open Reduction of Hip Fracture	25	4.0	5.7	*	8.0	10.8	*	8.0	14.2	*
Prostatectomy	80	0.0	0.8	1.1	0.0	1.9	2.1	0.0	3.2	3.2
Cholecystectomy	35	11.4	3.7	*	11.4	6.6	*	11.4	8.4	*
Hysterectomy	18	0.0	0.6	*	5.6	1.2	*	5.6	1.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

DICKEY COUNTY MEMORIAL HOSPITAL

241 Main Box 220
Ellendale, ND 58436

Medicare Provider Number: 350065

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	137	12.4	13.1	3.9	16.1	18.5	5.2	18.2	22.9	6.5
CONDITIONS:										
Acute Myocardial Infarction	11	36.4	36.6	*	36.4	40.0	*	36.4	44.4	*
Congestive Heart Failure	1	100.0	25.5	*	100.0	36.9	*	100.0	45.3	*
Pneumonia/Influenza	17	29.4	17.3	*	35.3	24.5	*	35.3	29.9	*
Chronic Obstructive Pulmonary Disease	1	0.0	3.2	*	0.0	5.6	*	0.0	8.0	*
Transient Cerebral Ischemia	0									
Stroke	9	0.0	21.6	*	0.0	29.0	*	11.1	33.9	*
Hip Fracture	0									
Sepsis	4	0.0	45.0	*	0.0	53.0	*	25.0	59.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	2.8	*	0.0	3.9	*	0.0	4.6	*
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	21
Occupancy Rate	38
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	1
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	7
Licensed Practical Nurses	1

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

DICKEY COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 350065

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	188	6.4	11.9	3.5	9.0	17.0	3.8	11.7	21.1	3.8
CONDITIONS:										
Acute Myocardial Infarction	8	0.0	36.2	*	0.0	39.4	*	0.0	43.3	*
Congestive Heart Failure	5	40.0	31.1	*	60.0	40.5	*	60.0	47.6	*
Pneumonia/Influenza	31	6.5	18.1	*	9.7	24.8	*	16.1	29.8	*
Chronic Obstructive Pulmonary Disease	2	0.0	11.9	*	0.0	18.2	*	0.0	23.8	*
Transient Cerebral Ischemia	2	0.0	1.7	*	0.0	4.3	*	0.0	6.9	*
Stroke	10	20.0	21.8	*	30.0	28.3	*	40.0	33.3	*
Hip Fracture	3	0.0	12.3	*	0.0	21.4	*	0.0	26.6	*
Sepsis	4	25.0	36.0	*	25.0	44.0	*	25.0	49.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	0.4	*	0.0	0.8	*	0.0	1.3	*
Cholecystectomy	3	0.0	3.1	*	0.0	5.4	*	0.0	6.9	*
Hysterectomy	1	0.0	0.3	*	0.0	0.6	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	150	8.7	11.0	3.5	12.0	16.0	4.6	15.3	20.2	5.9
CONDITIONS:										
Acute Myocardial Infarction	6	50.0	46.0	*	66.7	49.2	*	66.7	52.9	*
Congestive Heart Failure	8	25.0	24.1	*	37.5	36.8	*	50.0	45.8	*
Pneumonia/Influenza	16	0.0	17.3	*	6.3	24.0	*	6.3	29.4	*
Chronic Obstructive Pulmonary Disease	3	33.3	8.7	*	33.3	16.8	*	33.3	24.3	*
Transient Cerebral Ischemia	1	0.0	1.6	*	0.0	3.4	*	0.0	5.5	*
Stroke	5	0.0	22.8	*	0.0	29.1	*	0.0	34.1	*
Hip Fracture	1	100.0	7.4	*	100.0	10.9	*	100.0	13.3	*
Sepsis	2	0.0	39.0	*	0.0	44.9	*	0.0	51.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.4	*	0.0	4.2	*	0.0	8.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

GARRISON MEMORIAL HOSPITAL

407 3rd Ave S E
Garrison, ND 58540

Medicare Provider Number: 350001

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	134	8.2	12.0	4.0	15.7	17.5	5.3	18.7	21.9	4.7
CONDITIONS:										
Acute Myocardial Infarction	6	16.7	27.6	*	16.7	30.2	*	16.7	33.5	*
Congestive Heart Failure	9	11.1	16.1	*	11.1	24.6	*	22.2	31.8	*
Pneumonia/Influenza	7	14.3	18.6	*	14.3	25.4	*	28.6	30.4	*
Chronic Obstructive Pulmonary Disease	1	0.0	9.3	*	0.0	17.8	*	0.0	25.1	*
Transient Cerebral Ischemia	5	0.0	1.9	*	0.0	4.4	*	0.0	7.1	*
Stroke	5	40.0	18.6	*	40.0	24.5	*	40.0	29.0	*
Hip Fracture	0									
Sepsis	6	16.7	21.4	*	16.7	28.2	*	16.7	33.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	47
Occupancy Rate	64
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	2
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	6
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

GARRISON MEMORIAL HOSPITAL

Medicare Provider Number: 350001

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	99	9.1	15.6	4.1	11.1	22.2	5.2	13.1	27.1	5.9
CONDITIONS:										
Acute Myocardial Infarction	3	33.3	50.8	*	33.3	55.1	*	33.3	59.4	*
Congestive Heart Failure	7	0.0	16.7	*	0.0	25.3	*	14.3	32.4	*
Pneumonia/Influenza	10	30.0	16.3	*	30.0	21.6	*	30.0	26.0	*
Chronic Obstructive Pulmonary Disease	2	0.0	7.7	*	0.0	12.6	*	0.0	17.2	*
Transient Cerebral Ischemia	0									
Stroke	2	0.0	23.6	*	0.0	30.2	*	0.0	35.3	*
Hip Fracture	0									
Sepsis	7	0.0	31.8	*	0.0	40.3	*	0.0	46.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	100	10.0	11.8	4.5	13.0	17.6	5.4	16.0	22.0	5.6
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	41.8	*	0.0	45.5	*	0.0	50.5	*
Congestive Heart Failure	10	30.0	16.0	*	40.0	24.2	*	40.0	31.4	*
Pneumonia/Influenza	10	0.0	27.1	*	10.0	36.3	*	10.0	43.0	*
Chronic Obstructive Pulmonary Disease	3	0.0	7.6	*	0.0	16.0	*	0.0	22.6	*
Transient Cerebral Ischemia	4	0.0	1.7	*	0.0	3.6	*	0.0	5.6	*
Stroke	3	66.7	56.2	*	66.7	61.2	*	100.0	65.4	*
Hip Fracture	0									
Sepsis	3	0.0	27.7	*	33.3	42.0	*	66.7	49.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

GOLDEN VALLEY COUNTY HOSPITAL

300 S W 6th St
Beach, ND 58621

Medicare Provider Number: 350067

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	63	4.8	6.7	3.9	11.1	11.1	4.0	14.3	14.8	4.9
CONDITIONS:										
Acute Myocardial Infarction	2	0.0	16.4	*	0.0	18.9	*	0.0	22.0	*
Congestive Heart Failure	4	0.0	18.9	*	0.0	27.6	*	0.0	34.2	*
Pneumonia/Influenza	7	28.6	17.2	*	28.6	24.0	*	28.6	28.4	*
Chronic Obstructive Pulmonary Disease	1	0.0	2.1	*	0.0	4.1	*	0.0	5.8	*
Transient Cerebral Ischemia	1	0.0	3.6	*	0.0	8.4	*	0.0	13.7	*
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1991

Total Beds	26
Ownership/Control	Private, Non-Profit

STAFFING:

Medical Residents/Interns	0
Registered Nurses	5
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	Yes
Hospice	No
Intensive Care Unit	No
Organ Transplant	No
Rehabilitation	No
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

GOLDEN VALLEY COUNTY HOSPITAL

Medicare Provider Number: 350067

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	55	1.8	5.2	*	1.8	8.2	*	1.8	10.9	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	3	0.0	10.4	*	0.0	16.8	*	0.0	22.6	*
Pneumonia/Influenza	6	0.0	13.1	*	0.0	17.8	*	0.0	21.8	*
Chronic Obstructive Pulmonary Disease	1	0.0	4.3	*	0.0	6.9	*	0.0	9.8	*
Transient Cerebral Ischemia	4	0.0	2.0	*	0.0	4.2	*	0.0	6.6	*
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	59	3.4	7.4	5.3	6.8	11.1	7.4	8.5	14.4	8.5
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	6	0.0	15.3	*	0.0	22.4	*	0.0	28.7	*
Pneumonia/Influenza	11	9.1	13.7	*	27.3	18.8	*	27.3	23.0	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	4	0.0	3.3	*	0.0	7.7	*	0.0	12.3	*
Stroke	1	0.0	20.7	*	0.0	26.2	*	0.0	31.0	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

GOOD SAMARITAN HOSPITAL

Rugby Heights
Rugby, ND 58368

Medicare Provider Number: 350010

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	281	10.0	9.9	1.8	14.6	15.2	2.6	18.1	19.3	3.4
CONDITIONS:										
Acute Myocardial Infarction	5	0.0	23.3	*	0.0	25.9	*	0.0	29.2	*
Congestive Heart Failure	22	13.6	17.9	*	13.6	27.7	*	22.7	35.3	*
Pneumonia/Influenza	13	23.1	16.7	*	30.8	23.3	*	30.8	28.3	*
Chronic Obstructive Pulmonary Disease	2	0.0	4.9	*	0.0	9.2	*	0.0	13.3	*
Transient Cerebral Ischemia	4	0.0	1.6	*	25.0	3.5	*	25.0	5.5	*
Stroke	15	13.3	18.1	*	26.7	24.5	*	26.7	28.7	*
Hip Fracture	0									
Sepsis	5	20.0	17.1	*	20.0	21.7	*	20.0	26.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	5	0.0	1.4	*	0.0	2.3	*	0.0	3.2	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	233
Occupancy Rate	91
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	7
Percent of Physicians Board Certified Specialists	71
Medical Residents/Interns	0
Registered Nurses	14
Licensed Practical Nurses	17

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

GOOD SAMARITAN HOSPITAL

Medicare Provider Number: 350010

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	381	11.8	10.6	1.8	14.7	15.8	2.0	16.5	20.0	2.5
CONDITIONS:										
Acute Myocardial Infarction	19	26.3	24.0	*	26.3	27.0	*	26.3	30.3	*
Congestive Heart Failure	27	18.5	15.7	*	22.2	23.7	*	22.2	30.3	*
Pneumonia/Influenza	23	13.0	19.7	*	13.0	26.9	*	13.0	32.1	*
Chronic Obstructive Pulmonary Disease	2	0.0	8.4	*	0.0	13.8	*	50.0	18.2	*
Transient Cerebral Ischemia	8	0.0	2.3	*	12.5	5.2	*	12.5	8.2	*
Stroke	13	30.8	21.1	*	38.5	28.6	*	38.5	33.7	*
Hip Fracture	2	0.0	4.9	*	0.0	10.0	*	0.0	14.0	*
Sepsis	5	20.0	31.3	*	20.0	43.2	*	20.0	50.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.2	*	0.0	2.7	*	0.0	4.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	5	0.0	3.0	*	0.0	5.8	*	0.0	7.5	*
Hysterectomy	4	0.0	4.1	*	25.0	8.6	*	25.0	13.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	354	13.6	10.5	2.2	20.6	16.1	2.6	24.9	20.6	2.8
CONDITIONS:										
Acute Myocardial Infarction	13	15.4	21.7	*	30.8	25.1	*	30.8	28.5	*
Congestive Heart Failure	32	25.0	19.4	*	40.6	29.8	*	46.9	37.9	*
Pneumonia/Influenza	20	15.0	16.8	*	30.0	22.8	*	35.0	27.9	*
Chronic Obstructive Pulmonary Disease	5	0.0	11.3	*	0.0	18.3	*	0.0	24.0	*
Transient Cerebral Ischemia	7	0.0	2.8	*	0.0	6.4	*	14.3	10.1	*
Stroke	10	20.0	22.6	*	30.0	31.2	*	30.0	36.5	*
Hip Fracture	3	0.0	6.2	*	0.0	11.7	*	0.0	15.7	*
Sepsis	4	50.0	24.9	*	50.0	31.7	*	75.0	37.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	1.8	*	0.0	4.2	*	0.0	6.8	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	2	0.0	5.2	*	0.0	10.6	*	0.0	14.7	*
Prostatectomy	0									
Cholecystectomy	3	0.0	6.7	*	33.3	14.0	*	33.3	20.6	*
Hysterectomy	2	0.0	0.5	*	0.0	1.2	*	0.0	1.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

GRIGGS COUNTY HOSPITAL

1200 Roberts Ave
Cooperstown, ND 58425

Medicare Provider Number: 350053

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	83	13.3	11.1	3.9	16.9	16.4	4.6	18.1	20.9	5.7
CONDITIONS:										
Acute Myocardial Infarction	4	50.0	34.7	*	50.0	37.6	*	50.0	41.5	*
Congestive Heart Failure	5	20.0	34.2	*	20.0	44.3	*	20.0	51.5	*
Pneumonia/Influenza	6	0.0	16.0	*	0.0	22.0	*	0.0	27.1	*
Chronic Obstructive Pulmonary Disease	1	0.0	7.7	*	0.0	14.2	*	0.0	19.8	*
Transient Cerebral Ischemia	1	0.0	2.6	*	0.0	6.7	*	0.0	11.0	*
Stroke	3	100.0	28.8	*	100.0	40.8	*	100.0	48.3	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	2.0	*	50.0	5.1	*	50.0	8.8	*
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	69
Occupancy Rate	81
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

GRIGGS COUNTY HOSPITAL

Medicare Provider Number: 350053

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	83	9.6	12.7	4.4	13.3	17.4	5.3	15.7	21.5	5.5
CONDITIONS:										
Acute Myocardial Infarction	7	28.6	39.6	*	57.1	44.3	*	57.1	49.3	*
Congestive Heart Failure	6	0.0	26.2	*	0.0	35.0	*	16.7	42.5	*
Pneumonia/Influenza	11	18.2	19.8	*	18.2	27.2	*	27.3	32.8	*
Chronic Obstructive Pulmonary Disease	1	0.0	2.5	*	0.0	5.1	*	0.0	7.4	*
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	1.4	*	0.0	2.5	*	0.0	3.2	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	105	11.4	11.0	3.1	15.2	15.5	3.9	17.1	19.3	5.1
CONDITIONS:										
Acute Myocardial Infarction	7	57.1	33.0	*	57.1	36.9	*	57.1	40.4	*
Congestive Heart Failure	6	16.7	15.3	*	16.7	23.7	*	33.3	30.8	*
Pneumonia/Influenza	10	10.0	17.7	*	20.0	24.7	*	20.0	30.2	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	2	0.0	1.3	*	0.0	3.0	*	0.0	4.9	*
Stroke	2	0.0	21.6	*	0.0	27.9	*	0.0	32.9	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HEARTVIEW FOUNDATION

1406 2nd St N W
Mandan, ND 58554

Medicare Provider Number: 350066

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	29	0.0	0.5	*	0.0	1.5	*	0.0	2.6	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	91
Occupancy Rate	66
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	11
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HEARTVIEW FOUNDATION

Medicare Provider Number: 350066

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	24	0.0	0.6	*	0.0	1.2	*	0.0	1.9	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	25	0.0	0.4	*	0.0	1.0	*	0.0	1.6	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

JACOBSON MEMORIAL HOSPITAL CARE CENTER

601 East St North
Elgin, ND 58533

Medicare Provider Number: 350044

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	199	7.0	8.7	2.4	13.6	13.2	2.6	16.6	16.9	2.7
CONDITIONS:										
Acute Myocardial Infarction	6	50.0	32.6	*	50.0	36.5	*	50.0	39.8	*
Congestive Heart Failure	11	0.0	17.5	*	9.1	25.3	*	9.1	32.2	*
Pneumonia/Influenza	18	16.7	18.4	*	33.3	25.0	*	38.9	29.8	*
Chronic Obstructive Pulmonary Disease	8	0.0	4.6	*	25.0	10.3	*	25.0	15.8	*
Transient Cerebral Ischemia	3	0.0	1.7	*	66.7	3.7	*	66.7	5.9	*
Stroke	5	40.0	20.0	*	40.0	27.0	*	40.0	31.9	*
Hip Fracture	0									
Sepsis	2	50.0	19.2	*	50.0	27.7	*	50.0	33.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	2.7	*	0.0	6.9	*	0.0	11.7	*
Cholecystectomy	1	0.0	0.9	*	0.0	1.6	*	0.0	2.5	*
Hysterectomy	2	0.0	0.1	*	0.0	0.2	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	50
Occupancy Rate	62
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

JACOBSON MEMORIAL HOSPITAL CARE CENTER

Medicare Provider Number: 350044

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	153	3.9	7.2	2.7	5.9	11.3	3.7	8.5	15.0	4.6
CONDITIONS:										
Acute Myocardial Infarction	6	33.3	29.4	*	33.3	32.5	*	33.3	36.3	*
Congestive Heart Failure	9	0.0	14.5	*	0.0	22.9	*	11.1	29.9	*
Pneumonia/Influenza	7	14.3	12.5	*	42.9	17.3	*	42.9	21.3	*
Chronic Obstructive Pulmonary Disease	6	0.0	4.5	*	16.7	9.8	*	16.7	14.9	*
Transient Cerebral Ischemia	4	0.0	2.3	*	0.0	5.0	*	25.0	8.0	*
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	1.2	*	0.0	2.5	*	0.0	3.7	*
Cholecystectomy	1	0.0	0.7	*	0.0	1.5	*	0.0	2.5	*
Hysterectomy	1	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	153	5.9	6.7	2.2	7.8	10.7	3.7	10.5	14.1	4.6
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	20.9	*	0.0	23.5	*	0.0	26.6	*
Congestive Heart Failure	8	0.0	13.9	*	0.0	21.9	*	12.5	28.9	*
Pneumonia/Influenza	15	20.0	18.2	*	26.7	25.9	*	26.7	31.7	*
Chronic Obstructive Pulmonary Disease	4	0.0	10.1	*	0.0	19.2	*	0.0	26.2	*
Transient Cerebral Ischemia	6	0.0	1.6	*	0.0	3.5	*	0.0	5.6	*
Stroke	4	75.0	22.5	*	75.0	29.7	*	75.0	35.5	*
Hip Fracture	1	0.0	8.1	*	0.0	13.0	*	0.0	16.2	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	0.7	*	0.0	1.5	*	0.0	2.1	*
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

JAMESTOWN HOSPITAL

419 5th Street N E
Jamestown, ND 58401

Medicare Provider Number: 350009

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	758	9.5	9.4	1.2	13.1	14.0	1.4	16.4	17.6	1.5
CONDITIONS:										
Acute Myocardial Infarction	32	37.5	27.3	*	40.6	30.6	*	40.6	34.1	*
Congestive Heart Failure	31	3.2	13.8	*	12.9	21.7	*	29.0	28.5	*
Pneumonia/Influenza	35	11.4	14.6	*	14.3	19.8	*	17.1	24.1	*
Chronic Obstructive Pulmonary Disease	4	25.0	6.0	*	25.0	10.7	*	25.0	15.0	*
Transient Cerebral Ischemia	15	0.0	1.5	*	0.0	3.3	*	0.0	5.3	*
Stroke	39	12.8	20.0	*	12.8	26.9	*	12.8	31.3	*
Hip Fracture	17	0.0	7.6	*	5.9	14.4	*	11.8	19.0	*
Sepsis	14	42.9	27.2	*	42.9	33.3	*	42.9	38.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	7.7	*	0.0	12.3	*	0.0	14.8	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	33.3	6.5	*	33.3	14.0	*	33.3	20.4	*
Open Reduction of Hip Fracture	8	0.0	8.2	*	12.5	15.9	*	12.5	21.2	*
Prostatectomy	17	0.0	0.6	*	0.0	1.4	*	5.9	2.4	*
Cholecystectomy	21	4.8	1.4	*	4.8	2.4	*	4.8	3.1	*
Hysterectomy	10	0.0	0.5	*	0.0	1.1	*	0.0	1.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	56
Occupancy Rate	63
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	24
Percent of Physicians Board Certified Specialists	88
Medical Residents/Interns	0
Registered Nurses	43
Licensed Practical Nurses	23

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

JAMESTOWN HOSPITAL

Medicare Provider Number: 350009

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	719	10.2	9.7	1.4	12.7	14.5	1.6	15.7	18.2	2.0
CONDITIONS:										
Acute Myocardial Infarction	38	31.6	24.9	*	34.2	28.4	*	34.2	32.0	*
Congestive Heart Failure	31	19.4	16.3	*	22.6	25.4	*	35.5	32.7	*
Pneumonia/Influenza	42	9.5	18.1	*	16.7	24.7	*	23.8	29.6	*
Chronic Obstructive Pulmonary Disease	4	50.0	18.5	*	75.0	28.0	*	75.0	33.5	*
Transient Cerebral Ischemia	19	0.0	2.0	*	5.3	4.5	*	15.8	7.1	*
Stroke	32	18.8	19.3	*	21.9	26.4	*	21.9	30.9	*
Hip Fracture	24	4.2	7.6	*	8.3	13.5	*	12.5	17.2	*
Sepsis	16	25.0	27.3	*	25.0	33.0	*	37.5	38.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	20.0	4.4	*	20.0	8.2	*	20.0	12.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	4.0	*	0.0	7.6	*	0.0	9.9	*
Open Reduction of Hip Fracture	15	0.0	6.3	*	6.7	11.8	*	6.7	15.3	*
Prostatectomy	22	4.5	0.6	*	4.5	1.3	*	4.5	2.2	*
Cholecystectomy	21	0.0	1.9	*	0.0	3.4	*	0.0	4.6	*
Hysterectomy	6	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	580	11.2	10.5	1.3	14.1	15.4	1.5	17.2	19.3	1.8
CONDITIONS:										
Acute Myocardial Infarction	30	36.7	27.9	*	40.0	31.7	*	40.0	35.3	*
Congestive Heart Failure	32	28.1	17.3	*	28.1	26.3	*	28.1	33.6	*
Pneumonia/Influenza	31	22.6	18.6	*	29.0	25.4	*	32.3	30.6	*
Chronic Obstructive Pulmonary Disease	9	22.2	10.9	*	33.3	17.3	*	44.4	22.3	*
Transient Cerebral Ischemia	3	0.0	1.2	*	0.0	2.6	*	0.0	4.0	*
Stroke	20	10.0	20.6	*	15.0	29.2	*	15.0	34.1	*
Hip Fracture	15	0.0	6.3	*	0.0	10.8	*	6.7	13.9	*
Sepsis	13	7.7	21.9	*	7.7	27.7	*	7.7	32.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	11.7	*	0.0	15.7	*	0.0	18.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	6.5	*	0.0	13.6	*	0.0	19.7	*
Open Reduction of Hip Fracture	7	0.0	6.8	*	0.0	12.0	*	14.3	15.4	*
Prostatectomy	19	0.0	0.8	*	5.3	1.9	*	10.5	3.3	*
Cholecystectomy	20	0.0	1.4	*	5.0	2.6	*	5.0	3.7	*
Hysterectomy	5	0.0	0.5	*	0.0	0.7	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

KENMARE COMMUNITY HOSPITAL

317 First Ave N W
Kenmare, ND 58746

Medicare Provider Number: 350035

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	121	9.9	7.8	3.1	14.0	12.4	3.6	15.7	16.2	3.6
CONDITIONS:										
Acute Myocardial Infarction	3	33.3	28.3	*	66.7	32.6	*	100.0	37.1	*
Congestive Heart Failure	8	37.5	13.1	*	37.5	20.2	*	37.5	26.5	*
Pneumonia/Influenza	10	20.0	10.6	*	20.0	14.6	*	20.0	17.9	*
Chronic Obstructive Pulmonary Disease	7	0.0	5.0	*	0.0	10.5	*	0.0	15.3	*
Transient Cerebral Ischemia	0									
Stroke	3	0.0	26.4	*	0.0	35.0	*	0.0	40.6	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	36
Occupancy Rate	83
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	3
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	5
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

KENMARE COMMUNITY HOSPITAL

Medicare Provider Number: 350035

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	139	8.6	8.3	3.0	12.9	12.9	3.0	15.1	16.5	3.3
CONDITIONS:										
Acute Myocardial Infarction	2	50.0	29.1	*	50.0	32.6	*	50.0	36.1	*
Congestive Heart Failure	13	30.8	22.1	*	30.8	33.5	*	30.8	41.5	*
Pneumonia/Influenza	9	11.1	18.9	*	22.2	26.0	*	22.2	31.5	*
Chronic Obstructive Pulmonary Disease	3	0.0	3.5	*	0.0	6.9	*	0.0	10.0	*
Transient Cerebral Ischemia	1	0.0	1.3	*	0.0	2.9	*	0.0	4.6	*
Stroke	3	33.3	27.0	*	33.3	36.5	*	33.3	43.1	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	110	5.5	7.8	5.1	9.1	12.2	6.1	11.8	16.1	6.5
CONDITIONS:										
Acute Myocardial Infarction	4	0.0	24.3	*	0.0	27.4	*	0.0	30.9	*
Congestive Heart Failure	12	16.7	15.9	*	16.7	25.0	*	25.0	32.3	*
Pneumonia/Influenza	9	11.1	17.1	*	11.1	24.1	*	22.2	29.9	*
Chronic Obstructive Pulmonary Disease	3	0.0	3.3	*	33.3	6.1	*	33.3	8.8	*
Transient Cerebral Ischemia	2	0.0	1.9	*	0.0	4.2	*	0.0	6.9	*
Stroke	3	33.3	20.7	*	33.3	26.8	*	33.3	31.5	*
Hip Fracture	1	0.0	3.2	*	100.0	7.0	*	100.0	10.3	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

LINTON HOSPITAL

518 N Broadway
Linton, ND 58552

Medicare Provider Number: 350058

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	142	9.9	10.1	2.6	18.3	15.0	3.9	22.5	19.0	5.1
CONDITIONS:										
Acute Myocardial Infarction	5	20.0	28.5	*	20.0	31.5	*	20.0	35.0	*
Congestive Heart Failure	12	25.0	17.9	*	33.3	28.2	*	50.0	36.2	*
Pneumonia/Influenza	11	0.0	11.9	*	9.1	16.6	*	9.1	20.5	*
Chronic Obstructive Pulmonary Disease	4	25.0	4.3	*	50.0	9.2	*	50.0	13.7	*
Transient Cerebral Ischemia	1	0.0	3.2	*	0.0	6.9	*	0.0	11.0	*
Stroke	2	0.0	23.3	*	0.0	29.5	*	0.0	34.3	*
Hip Fracture	1	0.0	6.1	*	0.0	11.2	*	0.0	14.6	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	5	0.0	1.1	*	0.0	2.6	*	0.0	4.2	*
Cholecystectomy	1	0.0	0.7	*	0.0	1.1	*	0.0	1.4	*
Hysterectomy	2	0.0	0.5	*	0.0	0.9	*	0.0	1.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	25
Occupancy Rate	24
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	3
Percent of Physicians Board Certified Specialists	67
Medical Residents/Interns	0
Registered Nurses	9
Licensed Practical Nurses	1

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

LINTON HOSPITAL

Medicare Provider Number: 350058

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	144	11.1	8.8	4.0	14.6	13.5	4.0	19.4	17.3	4.5
CONDITIONS:										
Acute Myocardial Infarction	7	42.9	25.4	*	57.1	29.3	*	57.1	33.3	*
Congestive Heart Failure	5	0.0	13.4	*	0.0	19.9	*	0.0	25.8	*
Pneumonia/Influenza	7	42.9	12.7	*	42.9	17.3	*	42.9	21.1	*
Chronic Obstructive Pulmonary Disease	1	0.0	4.4	*	0.0	8.0	*	0.0	11.5	*
Transient Cerebral Ischemia	1	0.0	2.5	*	0.0	5.8	*	100.0	9.4	*
Stroke	6	50.0	19.6	*	50.0	28.0	*	50.0	33.1	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	6	0.0	0.8	*	0.0	1.8	*	16.7	2.8	*
Cholecystectomy	3	0.0	2.5	*	0.0	5.0	*	0.0	6.5	*
Hysterectomy	3	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	145	6.9	10.0	3.3	12.4	15.0	4.4	15.2	19.1	3.8
CONDITIONS:										
Acute Myocardial Infarction	7	28.6	27.3	*	57.1	30.6	*	57.1	34.2	*
Congestive Heart Failure	19	5.3	17.0	*	15.8	25.5	*	26.3	32.5	*
Pneumonia/Influenza	13	15.4	19.4	*	15.4	25.8	*	15.4	31.2	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	3	0.0	2.4	*	0.0	5.5	*	0.0	9.1	*
Stroke	1	100.0	22.7	*	100.0	31.3	*	100.0	36.2	*
Hip Fracture	1	0.0	7.5	*	0.0	14.0	*	0.0	18.7	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	4	0.0	0.5	*	0.0	1.0	*	0.0	1.7	*
Cholecystectomy	6	0.0	1.7	*	0.0	3.1	*	0.0	4.0	*
Hysterectomy	1	0.0	0.4	*	0.0	1.0	*	0.0	1.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MCKENZIE COUNTY MEMORIAL HOSPITAL

508 N Main
Watford City, ND 58854

Medicare Provider Number: 350025

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	82	9.8	12.9	4.5	13.4	18.5	6.2	14.6	22.7	7.6
CONDITIONS:										
Acute Myocardial Infarction	4	25.0	32.6	*	25.0	36.3	*	25.0	40.1	*
Congestive Heart Failure	9	0.0	11.4	*	0.0	17.8	*	0.0	23.9	*
Pneumonia/Influenza	14	0.0	12.8	*	7.1	17.9	*	7.1	22.2	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	5	40.0	24.0	*	40.0	31.3	*	40.0	36.1	*
Hip Fracture	0									
Sepsis	1	100.0	33.3	*	100.0	44.6	*	100.0	54.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	26
Occupancy Rate	15
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	1
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	5
Licensed Practical Nurses	1

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MCKENZIE COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 350025

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	109	7.3	10.0	3.2	11.9	14.8	4.5	11.9	18.6	5.5
CONDITIONS:										
Acute Myocardial Infarction	4	0.0	16.5	*	0.0	18.3	*	0.0	20.6	*
Congestive Heart Failure	14	7.1	12.7	*	14.3	19.5	*	14.3	25.8	*
Pneumonia/Influenza	25	12.0	18.1	*	24.0	24.8	*	24.0	29.5	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	3	0.0	2.1	*	0.0	4.7	*	0.0	7.6	*
Stroke	1	0.0	12.8	*	0.0	16.7	*	0.0	20.4	*
Hip Fracture	1	0.0	2.8	*	0.0	6.4	*	0.0	9.6	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	0.5	*	0.0	0.9	*	0.0	1.4	*
Cholecystectomy	2	0.0	1.5	*	0.0	2.5	*	0.0	3.2	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	96	8.3	12.0	4.5	11.5	17.0	5.7	17.7	21.2	5.1
CONDITIONS:										
Acute Myocardial Infarction	5	20.0	34.2	*	20.0	37.9	*	20.0	42.1	*
Congestive Heart Failure	10	0.0	14.5	*	0.0	21.1	*	20.0	27.3	*
Pneumonia/Influenza	15	13.3	19.3	*	20.0	26.1	*	33.3	31.1	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	2	50.0	23.8	*	50.0	32.4	*	50.0	38.7	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MEDCENTER ONE

300 N 7th St
Bismarck, ND 58501

Medicare Provider Number: 350015

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,873	8.0	8.6	0.8	12.1	13.4	1.1	14.9	17.2	1.4
CONDITIONS:										
Acute Myocardial Infarction	74	12.2	24.8	6.7	12.2	28.0	7.7	12.2	31.6	10.2
Congestive Heart Failure	62	11.3	16.3	5.2	16.1	24.8	6.5	24.2	32.0	7.0
Pneumonia/Influenza	58	20.7	16.2	8.3	27.6	22.3	10.3	34.5	27.0	11.7
Chronic Obstructive Pulmonary Disease	12	0.0	8.2	*	16.7	16.4	*	25.0	23.9	*
Transient Cerebral Ischemia	19	0.0	2.5	*	0.0	5.9	*	5.3	9.6	*
Stroke	58	24.1	22.3	8.3	36.2	29.5	8.5	36.2	34.2	6.8
Hip Fracture	45	11.1	7.2	*	11.1	13.0	*	11.1	16.8	*
Sepsis	18	16.7	22.9	*	27.8	29.8	*	27.8	35.2	*
PROCEDURES:										
Angioplasty	31	0.0	4.1	*	0.0	5.0	*	3.2	6.2	*
Coronary Artery Bypass Graft	100	7.0	6.8	4.0	8.0	9.7	5.1	9.0	11.5	5.8
Initial Pacemaker Insertion	21	4.8	4.3	*	9.5	6.7	*	9.5	9.1	*
Carotid Endarterectomy	21	0.0	1.5	*	0.0	2.8	*	0.0	4.2	*
Hip Replacement/Reconstruction	37	0.0	2.7	*	2.7	5.3	*	2.7	7.5	*
Open Reduction of Hip Fracture	27	18.5	6.7	*	18.5	12.5	*	18.5	16.4	*
Prostatectomy	106	0.9	1.0	1.0	1.9	2.6	1.6	2.8	4.3	2.4
Cholecystectomy	44	2.3	4.2	*	6.8	7.6	*	6.8	9.9	*
Hysterectomy	18	5.6	0.4	*	5.6	0.7	*	5.6	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	239
Occupancy Rate	72
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	113
Percent of Physicians Board Certified Specialists	72
Medical Residents/Interns	0
Registered Nurses	226
Licensed Practical Nurses	33

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

MEDCENTER ONE

Medicare Provider Number: 350015

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,058	6.6	7.6	0.7	10.6	12.0	0.9	12.7	15.5	1.1
CONDITIONS:										
Acute Myocardial Infarction	45	24.4	28.5	*	31.1	31.6	*	33.3	35.2	*
Congestive Heart Failure	64	21.9	17.4	6.6	29.7	26.1	6.5	31.3	33.2	6.1
Pneumonia/Influenza	44	13.6	19.6	*	15.9	26.2	*	18.2	31.3	*
Chronic Obstructive Pulmonary Disease	6	0.0	8.8	*	16.7	17.5	*	16.7	24.4	*
Transient Cerebral Ischemia	27	0.0	1.6	*	3.7	3.5	*	3.7	5.5	*
Stroke	59	18.6	18.1	5.9	27.1	25.2	6.2	30.5	29.9	6.0
Hip Fracture	47	6.4	7.0	*	10.6	12.7	*	14.9	16.4	*
Sepsis	8	12.5	34.0	*	12.5	46.8	*	12.5	55.1	*
PROCEDURES:										
Angioplasty	38	0.0	2.6	*	0.0	3.4	*	2.6	4.5	*
Coronary Artery Bypass Graft	95	1.1	6.2	3.6	2.1	8.4	4.4	3.2	9.8	4.9
Initial Pacemaker Insertion	17	0.0	5.5	*	5.9	8.9	*	5.9	11.7	*
Carotid Endarterectomy	26	0.0	1.2	*	0.0	2.3	*	0.0	3.4	*
Hip Replacement/Reconstruction	43	0.0	3.1	*	4.7	5.9	*	7.0	7.8	*
Open Reduction of Hip Fracture	26	11.5	6.0	*	19.2	11.5	*	23.1	15.3	*
Prostatectomy	117	1.7	0.7	1.1	1.7	1.6	1.2	1.7	2.6	1.8
Cholecystectomy	45	11.1	2.8	*	11.1	4.9	*	11.1	6.5	*
Hysterectomy	35	0.0	1.1	*	0.0	2.2	*	5.7	3.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,895	6.4	7.0	0.9	9.2	10.9	1.0	11.8	14.1	1.2
CONDITIONS:										
Acute Myocardial Infarction	46	34.8	30.7	*	39.1	34.9	*	39.1	39.4	*
Congestive Heart Failure	63	20.6	17.5	5.4	31.7	26.6	10.2	39.7	34.1	9.4
Pneumonia/Influenza	52	11.5	17.8	10.3	15.4	23.8	12.1	19.2	28.8	13.4
Chronic Obstructive Pulmonary Disease	7	14.3	7.9	*	14.3	13.0	*	14.3	16.8	*
Transient Cerebral Ischemia	25	4.0	2.0	*	4.0	4.2	*	4.0	6.7	*
Stroke	60	15.0	19.1	5.4	15.0	26.7	7.1	16.7	31.4	8.2
Hip Fracture	39	2.6	6.3	*	2.6	11.7	*	10.3	15.7	*
Sepsis	5	40.0	35.2	*	40.0	41.2	*	60.0	46.8	*
PROCEDURES:										
Angioplasty	24	0.0	3.8	*	0.0	4.6	*	0.0	5.7	*
Coronary Artery Bypass Graft	76	9.2	6.8	3.7	10.5	9.3	3.5	10.5	10.9	3.6
Initial Pacemaker Insertion	22	4.5	5.7	*	9.1	10.2	*	9.1	13.9	*
Carotid Endarterectomy	19	0.0	1.4	*	0.0	2.7	*	0.0	4.1	*
Hip Replacement/Reconstruction	46	0.0	1.7	*	0.0	3.1	*	0.0	4.1	*
Open Reduction of Hip Fracture	19	0.0	5.7	*	0.0	11.6	*	10.5	16.2	*
Prostatectomy	95	0.0	0.9	1.5	0.0	2.2	3.5	3.2	3.7	3.6
Cholecystectomy	42	0.0	3.0	*	2.4	5.2	*	2.4	6.6	*
Hysterectomy	34	0.0	0.6	*	2.9	1.4	*	2.9	2.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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medcenter one ®

January 15, 1991

Health Care Financing Administration
Health Standards & Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

Dear Mrs. Kappert:

We have had the opportunity to review HCFA's report on mortality information and have the following comments:

Hospital Characteristics

We do have a Medical/Surgical/Cardiac ICU and we do have two other intensive care units, namely Pediatric Intensive Care and Neonatal Intensive Care. I have reviewed the data we sent to the American Hospital Association and this is included in our data. In addition, you use total number of beds as 239; however, the A.H.A. question refers to "Beds set up and staffed, last day of reporting period, 1989." We are licensed for 256 beds.

Medicare Mortality Rate Data

Pneumonia/Influenza - According to your data we had 12 observed deaths. However, only 4 died here.

Hip Fracture - According to your data we had 5 observed deaths. However, only 3 people died here.

Initial Pacemaker Insertion - The cause of death was not pacemaker insertion but due to arrythmia difficulties.

Open reduction of Hip Fracture - According to your data we had 5 observed deaths. Only 2 of these patients died here. The ages of these five cases were from 81 to 92.

Cholecystectomy - According to your data we had one observed death. The cause of death was not the cholecystectomy. This patient came in with severe brain contusion - traumatic; epidural hematoma/skull fracture - traumatic. The cholecystectomy was incidental to the above. The procedure was done because of symptoms and findings related to gallbladder disease.

Hysterectomy - According to your data we had one observed death. The hysterectomy was not the cause of death but was incidental to the patient's diverticulitis and adhesion while performing a colon resection.

I will be looking forward to the training sessions you will be providing for hospitals and medical facilities.

If you have any questions please do not hesitate to contact me at 701-224-6101. Thank you for reviewing these comments.

Sincerely,

Arlene Mack, R.N.

Arlene Mack, RN, FAAN
Vice President
Support Services

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MEDCENTER ONE MANDAN

1000 18th Street N W
Mandan, ND 58554

Medicare Provider Number: 350016

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	152	12.5	12.3	2.7	16.4	18.2	3.6	18.4	22.3	4.7
CONDITIONS:										
Acute Myocardial Infarction	1	100.0	60.7	*	100.0	69.1	*	100.0	74.1	*
Congestive Heart Failure	7	28.6	19.0	*	28.6	28.7	*	28.6	36.2	*
Pneumonia/Influenza	15	20.0	16.9	*	20.0	23.7	*	20.0	28.6	*
Chronic Obstructive Pulmonary Disease	1	100.0	16.9	*	100.0	27.5	*	100.0	35.4	*
Transient Cerebral Ischemia	2	0.0	1.6	*	0.0	3.6	*	0.0	6.0	*
Stroke	9	11.1	26.7	*	11.1	35.2	*	22.2	40.9	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	1.6	*	0.0	3.5	*	0.0	5.4	*
Cholecystectomy	6	0.0	2.0	*	0.0	3.5	*	0.0	4.6	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	48
Occupancy Rate	38
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	10
Percent of Physicians Board Certified Specialists	50
Medical Residents/Interns	0
Registered Nurses	16
Licensed Practical Nurses	8

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MEDCENTER ONE MANDAN

Medicare Provider Number: 350016

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	183	9.3	10.0	2.2	12.6	14.7	3.1	13.7	18.1	3.7
CONDITIONS:										
Acute Myocardial Infarction	8	37.5	31.4	*	37.5	35.1	*	37.5	38.3	*
Congestive Heart Failure	8	25.0	16.6	*	25.0	26.2	*	37.5	33.9	*
Pneumonia/Influenza	5	20.0	24.0	*	20.0	30.9	*	20.0	35.7	*
Chronic Obstructive Pulmonary Disease	2	0.0	5.0	*	0.0	10.9	*	0.0	15.8	*
Transient Cerebral Ischemia	5	0.0	1.7	*	0.0	3.6	*	0.0	5.6	*
Stroke	9	22.2	22.3	*	55.6	29.0	*	66.7	33.9	*
Hip Fracture	3	0.0	4.1	*	0.0	8.0	*	0.0	10.6	*
Sepsis	1	0.0	16.4	*	0.0	21.4	*	0.0	26.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	1	0.0	0.9	*	0.0	1.6	*	0.0	2.3	*
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	2	0.0	3.4	*	0.0	6.8	*	0.0	9.3	*
Prostatectomy	4	0.0	0.6	*	0.0	1.2	*	0.0	2.0	*
Cholecystectomy	7	14.3	3.7	*	14.3	5.7	*	14.3	6.6	*
Hysterectomy	1	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	201	10.4	9.8	2.3	14.4	14.4	2.6	16.9	18.0	2.9
CONDITIONS:										
Acute Myocardial Infarction	4	75.0	38.2	*	75.0	41.8	*	75.0	46.1	*
Congestive Heart Failure	13	7.7	22.7	*	7.7	32.8	*	15.4	40.3	*
Pneumonia/Influenza	11	18.2	19.2	*	36.4	27.1	*	45.5	32.1	*
Chronic Obstructive Pulmonary Disease	5	0.0	7.2	*	0.0	12.5	*	0.0	17.1	*
Transient Cerebral Ischemia	2	0.0	2.4	*	0.0	4.3	*	0.0	6.0	*
Stroke	8	12.5	17.2	*	12.5	23.0	*	12.5	27.3	*
Hip Fracture	2	0.0	4.5	*	0.0	7.8	*	0.0	10.2	*
Sepsis	1	100.0	35.3	*	100.0	41.0	*	100.0	47.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	5.6	*	0.0	9.7	*	0.0	12.2	*
Open Reduction of Hip Fracture	1	0.0	2.6	*	0.0	5.2	*	0.0	7.2	*
Prostatectomy	15	6.7	0.9	*	6.7	2.3	*	13.3	3.9	*
Cholecystectomy	8	12.5	5.0	*	25.0	6.7	*	25.0	7.7	*
Hysterectomy	2	0.0	0.5	*	0.0	0.8	*	0.0	1.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MERCY HOSPITAL

570 Chautauqua Blvd
Valley City, ND 58072

Medicare Provider Number: 350013

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	361	13.0	11.9	1.9	17.5	17.8	2.1	20.5	22.4	2.9
CONDITIONS:										
Acute Myocardial Infarction	19	36.8	28.9	*	42.1	32.8	*	42.1	36.6	*
Congestive Heart Failure	26	26.9	20.8	*	38.5	32.1	*	46.2	40.6	*
Pneumonia/Influenza	27	7.4	18.8	*	11.1	25.3	*	18.5	30.0	*
Chronic Obstructive Pulmonary Disease	7	0.0	5.3	*	0.0	8.9	*	0.0	12.4	*
Transient Cerebral Ischemia	6	0.0	3.4	*	0.0	8.4	*	16.7	13.9	*
Stroke	19	36.8	27.8	*	42.1	36.4	*	47.4	42.1	*
Hip Fracture	5	0.0	5.7	*	0.0	10.8	*	0.0	14.6	*
Sepsis	5	60.0	42.3	*	80.0	53.5	*	80.0	62.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	3	0.0	5.3	*	0.0	10.9	*	0.0	15.3	*
Prostatectomy	3	0.0	0.9	*	0.0	2.3	*	0.0	4.2	*
Cholecystectomy	2	0.0	0.5	*	0.0	0.9	*	0.0	1.2	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	50
Occupancy Rate	76
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	7
Percent of Physicians Board Certified Specialists	57
Medical Residents/Interns	0
Registered Nurses	23
Licensed Practical Nurses	17

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MERCY HOSPITAL

Medicare Provider Number: 350013

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	413	10.9	13.0	2.1	15.5	19.0	2.6	18.9	23.4	3.1
CONDITIONS:										
Acute Myocardial Infarction	13	23.1	28.8	*	23.1	34.3	*	23.1	39.1	*
Congestive Heart Failure	33	12.1	17.9	*	21.2	27.4	*	27.3	35.1	*
Pneumonia/Influenza	33	3.0	18.1	*	12.1	23.9	*	15.2	28.3	*
Chronic Obstructive Pulmonary Disease	8	0.0	8.7	*	0.0	14.8	*	0.0	19.6	*
Transient Cerebral Ischemia	8	0.0	2.1	*	0.0	5.0	*	0.0	8.0	*
Stroke	25	20.0	32.2	*	28.0	40.7	*	32.0	46.3	*
Hip Fracture	8	0.0	7.3	*	0.0	13.0	*	12.5	16.5	*
Sepsis	4	50.0	26.1	*	50.0	34.2	*	50.0	41.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	8	0.0	6.3	*	0.0	11.8	*	12.5	15.3	*
Prostatectomy	11	0.0	1.1	*	9.1	2.6	*	9.1	4.2	*
Cholecystectomy	5	0.0	1.4	*	0.0	2.4	*	0.0	3.1	*
Hysterectomy	5	0.0	0.3	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	418	13.9	12.0	2.3	18.7	17.6	2.1	21.5	22.0	2.1
CONDITIONS:										
Acute Myocardial Infarction	25	44.0	35.4	*	44.0	39.7	*	52.0	43.5	*
Congestive Heart Failure	26	15.4	19.7	*	26.9	29.7	*	30.8	37.5	*
Pneumonia/Influenza	29	10.3	19.8	*	20.7	26.2	*	24.1	31.0	*
Chronic Obstructive Pulmonary Disease	5	0.0	5.8	*	0.0	11.4	*	20.0	16.9	*
Transient Cerebral Ischemia	6	0.0	1.7	*	0.0	3.7	*	0.0	5.8	*
Stroke	25	36.0	24.9	*	40.0	33.2	*	40.0	38.8	*
Hip Fracture	7	0.0	7.2	*	42.9	13.7	*	42.9	18.5	*
Sepsis	1	100.0	60.7	*	100.0	67.1	*	100.0	73.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	6	0.0	5.6	*	33.3	11.4	*	33.3	15.9	*
Prostatectomy	11	9.1	1.6	*	9.1	4.0	*	9.1	6.5	*
Cholecystectomy	3	0.0	1.2	*	0.0	1.9	*	0.0	2.5	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MERCY HOSPITAL

1301 15th Avenue West
Williston, ND 58801

Medicare Provider Number: 350017

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	691	5.6	8.7	1.6	10.4	13.3	1.7	13.2	16.9	2.0
CONDITIONS:										
Acute Myocardial Infarction	19	42.1	29.7	*	42.1	32.8	*	42.1	36.4	*
Congestive Heart Failure	36	13.9	15.3	*	25.0	23.4	*	25.0	30.3	*
Pneumonia/Influenza	40	5.0	15.7	*	15.0	21.2	*	15.0	25.7	*
Chronic Obstructive Pulmonary Disease	13	7.7	10.7	*	15.4	15.8	*	15.4	20.1	*
Transient Cerebral Ischemia	5	0.0	2.0	*	0.0	4.4	*	0.0	7.0	*
Stroke	25	20.0	19.1	*	24.0	25.3	*	32.0	29.9	*
Hip Fracture	27	3.7	6.5	*	3.7	11.5	*	7.4	14.9	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	4	0.0	1.9	*	0.0	3.6	*	0.0	5.2	*
Hip Replacement/Reconstruction	15	6.7	3.5	*	6.7	6.5	*	6.7	9.0	*
Open Reduction of Hip Fracture	19	5.3	5.8	*	5.3	10.6	*	10.5	13.7	*
Prostatectomy	56	0.0	1.4	2.4	1.8	3.2	2.8	3.6	5.4	3.4
Cholecystectomy	31	0.0	2.5	*	0.0	4.2	*	3.2	5.6	*
Hysterectomy	4	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	99
Occupancy Rate	60
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	29
Percent of Physicians Board Certified Specialists	79
Medical Residents/Interns	0
Registered Nurses	61
Licensed Practical Nurses	35

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MERCY HOSPITAL

Medicare Provider Number: 350017

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	707	7.8	8.4	1.4	10.6	12.6	1.6	12.4	15.9	2.0
CONDITIONS:										
Acute Myocardial Infarction	17	23.5	31.2	*	23.5	33.9	*	23.5	37.1	*
Congestive Heart Failure	42	19.0	15.5	*	26.2	24.1	*	31.0	31.0	*
Pneumonia/Influenza	35	11.4	16.8	*	14.3	22.4	*	17.1	26.8	*
Chronic Obstructive Pulmonary Disease	11	0.0	8.2	*	0.0	13.5	*	0.0	18.3	*
Transient Cerebral Ischemia	3	0.0	1.9	*	0.0	4.0	*	0.0	6.3	*
Stroke	12	50.0	26.4	*	58.3	33.5	*	58.3	38.8	*
Hip Fracture	24	4.2	6.9	*	8.3	12.2	*	8.3	15.5	*
Sepsis	2	0.0	14.7	*	0.0	17.8	*	0.0	21.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	1	0.0	2.1	*	0.0	3.6	*	0.0	5.3	*
Hip Replacement/Reconstruction	19	5.3	4.8	*	5.3	8.8	*	5.3	11.3	*
Open Reduction of Hip Fracture	10	0.0	5.4	*	0.0	9.9	*	0.0	12.9	*
Prostatectomy	45	0.0	1.1	*	0.0	2.6	*	2.2	4.3	*
Cholecystectomy	27	7.4	4.0	*	7.4	6.8	*	7.4	8.5	*
Hysterectomy	9	0.0	0.4	*	0.0	0.7	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	736	8.2	8.7	1.1	11.7	13.3	1.3	12.9	16.8	1.8
CONDITIONS:										
Acute Myocardial Infarction	17	41.2	32.4	*	52.9	35.4	*	52.9	39.1	*
Congestive Heart Failure	33	27.3	18.5	*	33.3	28.1	*	33.3	35.9	*
Pneumonia/Influenza	36	8.3	13.4	*	8.3	17.9	*	8.3	21.8	*
Chronic Obstructive Pulmonary Disease	11	0.0	9.9	*	0.0	18.0	*	0.0	24.9	*
Transient Cerebral Ischemia	2	0.0	1.3	*	0.0	2.7	*	0.0	4.1	*
Stroke	27	14.8	23.7	*	18.5	29.9	*	22.2	34.3	*
Hip Fracture	24	4.2	7.4	*	8.3	13.6	*	8.3	17.9	*
Sepsis	1	100.0	33.1	*	100.0	37.8	*	100.0	41.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	19	0.0	4.0	*	0.0	8.1	*	0.0	10.9	*
Open Reduction of Hip Fracture	12	8.3	6.6	*	16.7	12.5	*	16.7	16.4	*
Prostatectomy	53	0.0	1.4	*	0.0	3.0	*	0.0	4.7	*
Cholecystectomy	39	7.7	3.5	*	7.7	5.5	*	7.7	6.8	*
Hysterectomy	3	0.0	0.4	*	0.0	0.8	*	0.0	1.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MERCY HOSPITAL

East Seventh Street
Devils Lake, ND 58301

Medicare Provider Number: 350030

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	519	8.5	11.7	1.7	12.9	17.5	2.1	16.8	21.9	2.5
CONDITIONS:										
Acute Myocardial Infarction	23	21.7	32.2	*	21.7	36.3	*	21.7	40.1	*
Congestive Heart Failure	29	6.9	13.9	*	13.8	21.4	*	20.7	28.0	*
Pneumonia/Influenza	49	10.2	14.5	*	10.2	19.8	*	12.2	23.9	*
Chronic Obstructive Pulmonary Disease	7	28.6	9.3	*	42.9	16.1	*	42.9	21.8	*
Transient Cerebral Ischemia	8	0.0	1.6	*	0.0	3.5	*	0.0	5.7	*
Stroke	25	12.0	21.4	*	16.0	27.3	*	20.0	31.7	*
Hip Fracture	7	0.0	11.2	*	0.0	20.0	*	0.0	25.4	*
Sepsis	5	20.0	35.7	*	20.0	46.9	*	60.0	55.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	5.5	*	0.0	11.5	*	0.0	16.0	*
Prostatectomy	18	0.0	0.9	*	0.0	2.2	*	5.6	3.8	*
Cholecystectomy	13	0.0	2.4	*	0.0	4.4	*	7.7	5.7	*
Hysterectomy	4	0.0	0.2	*	0.0	0.4	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	55
Occupancy Rate	53
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	14
Percent of Physicians Board Certified Specialists	64
Medical Residents/Interns	0
Registered Nurses	37
Licensed Practical Nurses	22

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MERCY HOSPITAL

Medicare Provider Number: 350030

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	570	10.0	10.8	1.4	14.7	16.1	2.0	17.5	20.3	2.7
CONDITIONS:										
Acute Myocardial Infarction	23	30.4	31.9	*	30.4	36.1	*	34.8	39.9	*
Congestive Heart Failure	32	18.8	17.1	*	25.0	26.2	*	28.1	33.4	*
Pneumonia/Influenza	33	12.1	20.3	*	27.3	28.0	*	30.3	33.2	*
Chronic Obstructive Pulmonary Disease	10	10.0	6.9	*	20.0	11.7	*	20.0	16.2	*
Transient Cerebral Ischemia	7	0.0	1.6	*	0.0	3.6	*	0.0	5.8	*
Stroke	29	31.0	28.3	*	31.0	34.9	*	31.0	39.5	*
Hip Fracture	10	0.0	7.0	*	0.0	13.0	*	0.0	16.7	*
Sepsis	8	12.5	31.1	*	25.0	37.3	*	37.5	43.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	3	0.0	3.6	*	0.0	7.0	*	0.0	9.4	*
Prostatectomy	14	0.0	1.3	*	0.0	3.3	*	0.0	5.4	*
Cholecystectomy	11	0.0	1.5	*	0.0	2.7	*	0.0	3.5	*
Hysterectomy	3	0.0	3.8	*	0.0	7.2	*	0.0	10.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	538	8.7	11.0	1.6	11.9	16.5	2.2	14.9	20.7	2.5
CONDITIONS:										
Acute Myocardial Infarction	36	19.4	27.2	*	25.0	31.3	*	25.0	34.9	*
Congestive Heart Failure	34	8.8	18.0	*	11.8	27.0	*	14.7	34.2	*
Pneumonia/Influenza	37	8.1	15.0	*	10.8	20.9	*	10.8	25.4	*
Chronic Obstructive Pulmonary Disease	7	0.0	4.8	*	0.0	8.7	*	0.0	12.1	*
Transient Cerebral Ischemia	8	0.0	2.0	*	0.0	4.4	*	0.0	7.0	*
Stroke	28	25.0	23.3	*	28.6	29.6	*	32.1	34.3	*
Hip Fracture	11	0.0	6.5	*	0.0	11.9	*	0.0	15.5	*
Sepsis	8	0.0	23.0	*	0.0	32.6	*	12.5	38.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	5	0.0	5.7	*	0.0	10.7	*	0.0	14.1	*
Prostatectomy	13	0.0	0.6	*	0.0	1.3	*	0.0	2.1	*
Cholecystectomy	7	0.0	4.2	*	0.0	7.2	*	0.0	9.5	*
Hysterectomy	6	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

NORTHWOOD DEACONESS HOSPITAL

4 N Park St
Northwood, ND 58267

Medicare Provider Number: 350042

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	107	9.3	8.6	3.3	12.1	13.5	4.1	15.0	17.5	5.6
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	23.9	*	0.0	29.6	*	0.0	34.5	*
Congestive Heart Failure	3	0.0	12.1	*	0.0	19.3	*	0.0	25.2	*
Pneumonia/Influenza	9	11.1	20.6	*	22.2	26.9	*	33.3	31.1	*
Chronic Obstructive Pulmonary Disease	1	0.0	15.7	*	0.0	29.7	*	0.0	40.3	*
Transient Cerebral Ischemia	1	0.0	2.8	*	0.0	6.7	*	0.0	11.3	*
Stroke	4	25.0	22.1	*	25.0	29.4	*	25.0	34.1	*
Hip Fracture	1	0.0	3.2	*	0.0	5.9	*	0.0	7.9	*
Sepsis	2	50.0	26.0	*	50.0	33.2	*	50.0	38.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	154
Occupancy Rate	79
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	2
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	7
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

NORTHWOOD DEACONESS HOSPITAL

Medicare Provider Number: 350042

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	117	6.8	10.0	5.2	11.1	15.1	5.6	16.2	19.3	5.5
CONDITIONS:										
Acute Myocardial Infarction	2	50.0	33.5	*	50.0	37.4	*	50.0	42.1	*
Congestive Heart Failure	13	0.0	12.7	*	0.0	19.3	*	7.7	25.1	*
Pneumonia/Influenza	12	0.0	16.8	*	8.3	23.0	*	8.3	27.8	*
Chronic Obstructive Pulmonary Disease	5	0.0	7.4	*	20.0	12.5	*	40.0	17.2	*
Transient Cerebral Ischemia	0									
Stroke	7	14.3	21.9	*	14.3	28.0	*	14.3	32.5	*
Hip Fracture	0									
Sepsis	3	66.7	39.6	*	66.7	46.6	*	66.7	54.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	0.8	*	0.0	1.5	*	0.0	2.0	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	121	11.6	12.1	3.3	17.4	17.9	3.7	22.3	22.5	4.4
CONDITIONS:										
Acute Myocardial Infarction	4	75.0	53.1	*	75.0	57.6	*	75.0	62.2	*
Congestive Heart Failure	5	0.0	13.4	*	0.0	20.7	*	20.0	27.1	*
Pneumonia/Influenza	5	20.0	10.7	*	20.0	15.2	*	20.0	18.9	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	5	0.0	19.7	*	20.0	25.9	*	20.0	30.7	*
Hip Fracture	0									
Sepsis	3	0.0	32.8	*	0.0	38.3	*	0.0	43.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

OAKES COMMUNITY HOSPITAL

314 South 8th Street
Oakes, ND 58474

Medicare Provider Number: 350012

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	190	9.5	10.5	3.3	13.2	16.3	3.5	15.8	20.9	4.6
CONDITIONS:										
Acute Myocardial Infarction	5	40.0	38.6	*	40.0	49.3	*	60.0	54.2	*
Congestive Heart Failure	19	10.5	19.6	*	15.8	27.8	*	21.1	34.7	*
Pneumonia/Influenza	24	16.7	20.0	*	29.2	27.4	*	33.3	33.1	*
Chronic Obstructive Pulmonary Disease	4	25.0	11.2	*	25.0	25.4	*	25.0	37.9	*
Transient Cerebral Ischemia	3	0.0	2.0	*	33.3	4.9	*	33.3	8.2	*
Stroke	8	37.5	16.0	*	37.5	23.9	*	37.5	28.6	*
Hip Fracture	6	0.0	8.4	*	0.0	16.0	*	0.0	21.1	*
Sepsis	2	50.0	24.2	*	50.0	33.9	*	50.0	41.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	9.2	*	0.0	18.1	*	0.0	24.1	*
Open Reduction of Hip Fracture	2	0.0	5.5	*	0.0	10.8	*	0.0	14.6	*
Prostatectomy	5	0.0	0.5	*	0.0	1.0	*	0.0	1.7	*
Cholecystectomy	5	0.0	2.1	*	0.0	3.5	*	0.0	4.4	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	30
Occupancy Rate	30
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	2
Percent of Physicians Board Certified Specialists	50
Medical Residents/Interns	0
Registered Nurses	7
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

OAKES COMMUNITY HOSPITAL

Medicare Provider Number: 350012

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	207	11.1	9.3	2.7	15.0	14.1	2.8	16.9	18.4	3.1
CONDITIONS:										
Acute Myocardial Infarction	8	62.5	25.7	*	62.5	29.1	*	62.5	32.7	*
Congestive Heart Failure	14	14.3	15.5	*	35.7	21.8	*	35.7	28.0	*
Pneumonia/Influenza	20	20.0	21.7	*	25.0	29.5	*	35.0	35.2	*
Chronic Obstructive Pulmonary Disease	4	0.0	4.3	*	0.0	8.7	*	0.0	12.7	*
Transient Cerebral Ischemia	3	0.0	1.7	*	0.0	4.0	*	0.0	6.6	*
Stroke	2	50.0	28.2	*	100.0	32.5	*	100.0	36.2	*
Hip Fracture	1	0.0	6.4	*	0.0	10.5	*	0.0	13.7	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	100.0	21.5	*	100.0	26.3	*	100.0	30.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	5.6	*	0.0	9.6	*	0.0	12.7	*
Prostatectomy	3	0.0	0.4	*	0.0	1.0	*	0.0	1.7	*
Cholecystectomy	2	0.0	0.6	*	0.0	1.2	*	0.0	1.8	*
Hysterectomy	2	0.0	4.6	*	0.0	9.9	*	0.0	14.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	247	15.0	9.1	2.9	19.8	14.4	3.0	23.5	18.7	3.1
CONDITIONS:										
Acute Myocardial Infarction	4	75.0	25.3	*	75.0	29.0	*	75.0	32.6	*
Congestive Heart Failure	12	41.7	22.1	*	41.7	30.4	*	41.7	37.2	*
Pneumonia/Influenza	19	42.1	24.6	*	52.6	34.5	*	52.6	41.3	*
Chronic Obstructive Pulmonary Disease	6	33.3	5.4	*	33.3	10.9	*	33.3	16.1	*
Transient Cerebral Ischemia	8	0.0	2.0	*	0.0	4.5	*	0.0	7.2	*
Stroke	2	0.0	14.2	*	50.0	21.7	*	50.0	26.4	*
Hip Fracture	3	33.3	5.3	*	66.7	10.2	*	66.7	13.8	*
Sepsis	5	0.0	24.9	*	0.0	33.1	*	0.0	39.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	5.3	*	100.0	10.0	*	100.0	13.4	*
Open Reduction of Hip Fracture	1	100.0	3.5	*	100.0	7.4	*	100.0	10.4	*
Prostatectomy	6	0.0	0.4	*	0.0	1.0	*	0.0	1.7	*
Cholecystectomy	4	0.0	0.6	*	0.0	1.1	*	0.0	1.6	*
Hysterectomy	1	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

PEMBINA COUNTY MEMORIAL HOSPITAL

205 East 3rd Ave
Cavalier, ND 58220

Medicare Provider Number: 350038

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	333	11.7	10.6	1.8	16.5	16.1	2.0	21.3	20.5	2.3
CONDITIONS:										
Acute Myocardial Infarction	13	38.5	27.7	*	38.5	31.7	*	38.5	35.5	*
Congestive Heart Failure	23	8.7	16.1	*	21.7	25.1	*	26.1	32.5	*
Pneumonia/Influenza	21	9.5	15.7	*	19.0	21.6	*	19.0	26.2	*
Chronic Obstructive Pulmonary Disease	2	0.0	12.6	*	0.0	22.7	*	0.0	30.3	*
Transient Cerebral Ischemia	3	0.0	1.8	*	0.0	3.9	*	0.0	6.2	*
Stroke	14	28.6	22.7	*	35.7	29.4	*	42.9	34.3	*
Hip Fracture	9	33.3	7.8	*	44.4	14.4	*	44.4	18.8	*
Sepsis	2	0.0	26.0	*	0.0	32.5	*	0.0	38.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	40.0	9.7	*	60.0	18.1	*	60.0	23.5	*
Open Reduction of Hip Fracture	3	33.3	4.5	*	33.3	9.1	*	33.3	12.6	*
Prostatectomy	0									
Cholecystectomy	1	0.0	0.6	*	0.0	1.2	*	0.0	1.7	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	113
Occupancy Rate	47
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

PEMBINA COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 350038

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	347	7.8	9.7	2.2	13.0	15.0	2.4	16.7	19.4	2.7
CONDITIONS:										
Acute Myocardial Infarction	12	25.0	22.8	*	25.0	25.9	*	25.0	29.5	*
Congestive Heart Failure	24	8.3	16.6	*	25.0	25.6	*	33.3	32.7	*
Pneumonia/Influenza	25	8.0	16.4	*	16.0	22.5	*	16.0	27.3	*
Chronic Obstructive Pulmonary Disease	5	0.0	8.2	*	20.0	18.2	*	20.0	27.9	*
Transient Cerebral Ischemia	13	0.0	2.7	*	0.0	6.4	*	0.0	10.3	*
Stroke	16	37.5	24.5	*	37.5	31.4	*	43.8	36.6	*
Hip Fracture	10	0.0	9.2	*	20.0	17.2	*	20.0	22.5	*
Sepsis	2	50.0	27.2	*	50.0	36.4	*	50.0	42.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	5.7	*	0.0	11.6	*	0.0	15.8	*
Open Reduction of Hip Fracture	1	0.0	3.5	*	0.0	7.5	*	0.0	10.7	*
Prostatectomy	0									
Cholecystectomy	2	0.0	0.7	*	0.0	1.3	*	0.0	1.9	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	390	9.0	9.5	1.9	13.8	14.5	2.1	16.4	18.7	2.4
CONDITIONS:										
Acute Myocardial Infarction	11	45.5	30.0	*	54.5	33.6	*	54.5	37.6	*
Congestive Heart Failure	27	25.9	17.3	*	37.0	26.5	*	37.0	33.9	*
Pneumonia/Influenza	30	13.3	18.2	*	20.0	24.5	*	20.0	29.7	*
Chronic Obstructive Pulmonary Disease	3	0.0	15.6	*	0.0	26.1	*	33.3	33.8	*
Transient Cerebral Ischemia	16	0.0	1.7	*	0.0	3.5	*	6.3	5.6	*
Stroke	17	29.4	19.6	*	29.4	26.4	*	29.4	31.5	*
Hip Fracture	5	40.0	4.5	*	40.0	8.3	*	40.0	11.2	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	3.7	*	0.0	7.2	*	0.0	9.8	*
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	2.3	*	0.0	3.9	*	0.0	4.8	*
Hysterectomy	1	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

PHS INDIAN HOSPITAL

Belcourt, ND 58316

Medicare Provider Number: 350063

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	82	8.5	6.2	3.6	11.0	10.5	3.4	12.2	14.2	4.3
CONDITIONS:										
Acute Myocardial Infarction	1	100.0	28.4	*	100.0	31.2	*	100.0	35.2	*
Congestive Heart Failure	4	0.0	10.0	*	0.0	15.4	*	0.0	20.5	*
Pneumonia/Influenza	6	33.3	15.7	*	33.3	21.8	*	33.3	26.6	*
Chronic Obstructive Pulmonary Disease	3	33.3	17.3	*	33.3	27.3	*	33.3	34.2	*
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	1.1	*	0.0	1.8	*	0.0	2.4	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	42
Occupancy Rate	33
Ownership/Control	Federal Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	8
Percent of Physicians Board Certified Specialists	38
Medical Residents/Interns	0
Registered Nurses	19
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

PHS INDIAN HOSPITAL

Medicare Provider Number: 350063

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	106	7.5	6.1	2.7	9.4	9.2	3.1	12.3	11.9	3.8
CONDITIONS:										
Acute Myocardial Infarction	4	0.0	20.5	*	0.0	23.0	*	0.0	25.9	*
Congestive Heart Failure	7	14.3	10.3	*	28.6	16.3	*	42.9	21.6	*
Pneumonia/Influenza	9	22.2	13.2	*	22.2	17.9	*	22.2	21.8	*
Chronic Obstructive Pulmonary Disease	4	0.0	6.0	*	0.0	10.6	*	0.0	15.6	*
Transient Cerebral Ischemia	0									
Stroke	1	0.0	16.1	*	0.0	21.1	*	100.0	25.6	*
Hip Fracture	0									
Sepsis	1	0.0	32.2	*	0.0	36.3	*	0.0	41.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	1.1	*	0.0	2.2	*	0.0	3.0	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	63	12.7	7.9	7.0	14.3	12.2	7.3	19.0	16.0	6.9
CONDITIONS:										
Acute Myocardial Infarction	3	0.0	29.1	*	0.0	31.7	*	33.3	35.3	*
Congestive Heart Failure	6	33.3	16.7	*	33.3	27.0	*	33.3	35.3	*
Pneumonia/Influenza	5	40.0	11.5	*	40.0	15.6	*	40.0	19.5	*
Chronic Obstructive Pulmonary Disease	5	20.0	9.5	*	40.0	17.3	*	40.0	23.6	*
Transient Cerebral Ischemia	0									
Stroke	3	33.3	12.8	*	33.3	17.1	*	33.3	21.0	*
Hip Fracture	0									
Sepsis	1	100.0	22.8	*	100.0	27.2	*	100.0	32.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	1.2	*	0.0	2.2	*	0.0	3.0	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

PHS INDIAN HOSPITAL

Fort Yates, ND 58538

Medicare Provider Number: 350064

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	15	13.3	16.8	*	13.3	22.5	*	26.7	27.0	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	2	0.0	8.9	*	0.0	14.7	*	0.0	20.1	*
Pneumonia/Influenza	4	25.0	14.0	*	25.0	18.7	*	50.0	23.1	*
Chronic Obstructive Pulmonary Disease	2	0.0	12.6	*	0.0	25.7	*	50.0	36.8	*
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	1	0.0	51.6	*	0.0	69.1	*	0.0	75.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	16
Occupancy Rate	25
Ownership/Control	Federal Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

PHS INDIAN HOSPITAL

Medicare Provider Number: 350064

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	15	13.3	10.4	*	26.7	16.7	*	26.7	20.8	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	3	33.3	14.8	*	33.3	21.3	*	33.3	26.8	*
Chronic Obstructive Pulmonary Disease	2	0.0	5.4	*	0.0	9.4	*	0.0	13.2	*
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	25	8.0	11.6	*	12.0	16.9	*	16.0	21.4	*
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	21.6	*	0.0	23.8	*	0.0	26.5	*
Congestive Heart Failure	1	0.0	14.7	*	0.0	21.8	*	0.0	28.2	*
Pneumonia/Influenza	6	0.0	13.5	*	16.7	18.4	*	33.3	22.7	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

PRESENTATION MEDICAL CENTER

213 Second Avenue NE
Rolla, ND 58367

Medicare Provider Number: 350024

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	161	8.1	10.4	3.1	9.9	15.3	4.4	13.0	19.3	5.2
CONDITIONS:										
Acute Myocardial Infarction	4	50.0	52.7	*	50.0	58.5	*	50.0	63.5	*
Congestive Heart Failure	17	0.0	14.3	*	17.6	23.0	*	23.5	29.9	*
Pneumonia/Influenza	15	6.7	17.1	*	6.7	23.3	*	6.7	27.9	*
Chronic Obstructive Pulmonary Disease	8	0.0	3.8	*	0.0	7.7	*	0.0	11.3	*
Transient Cerebral Ischemia	3	0.0	2.4	*	0.0	5.8	*	0.0	9.7	*
Stroke	6	0.0	23.4	*	0.0	30.0	*	16.7	34.9	*
Hip Fracture	0									
Sepsis	4	75.0	42.5	*	75.0	48.7	*	75.0	55.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	107
Occupancy Rate	46
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	3
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	9
Licensed Practical Nurses	12

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

PRESENTATION MEDICAL CENTER

Medicare Provider Number: 350024

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	170	5.9	10.0	3.2	11.8	14.5	3.6	12.9	18.3	4.4
CONDITIONS:										
Acute Myocardial Infarction	6	33.3	30.0	*	50.0	35.9	*	50.0	40.1	*
Congestive Heart Failure	9	11.1	14.6	*	22.2	23.0	*	33.3	29.8	*
Pneumonia/Influenza	13	0.0	14.2	*	15.4	19.1	*	15.4	22.9	*
Chronic Obstructive Pulmonary Disease	4	0.0	5.2	*	0.0	12.4	*	0.0	19.6	*
Transient Cerebral Ischemia	3	0.0	3.4	*	0.0	7.5	*	0.0	11.3	*
Stroke	7	28.6	19.2	*	28.6	24.6	*	28.6	29.1	*
Hip Fracture	0									
Sepsis	12	8.3	27.5	*	16.7	34.3	*	16.7	40.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	140	8.6	12.1	4.0	11.4	17.9	4.6	15.0	22.6	4.8
CONDITIONS:										
Acute Myocardial Infarction	9	33.3	39.6	*	44.4	42.8	*	55.6	46.7	*
Congestive Heart Failure	15	20.0	16.2	*	20.0	24.7	*	20.0	31.7	*
Pneumonia/Influenza	7	0.0	17.4	*	0.0	23.5	*	0.0	28.6	*
Chronic Obstructive Pulmonary Disease	4	0.0	6.7	*	0.0	15.6	*	0.0	24.3	*
Transient Cerebral Ischemia	3	0.0	3.2	*	0.0	7.4	*	0.0	11.3	*
Stroke	5	20.0	30.3	*	20.0	37.9	*	20.0	43.5	*
Hip Fracture	0									
Sepsis	5	0.0	20.4	*	0.0	28.9	*	0.0	34.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	1	0.0	0.4	*	0.0	0.5	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

RENVILLE BOTTINEAU MEMORIAL HOSPITAL

101 4th Ave SE
Mohall, ND 58761

Medicare Provider Number: 350036

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	93	8.6	13.3	5.1	15.1	19.1	6.3	18.3	23.7	8.3
CONDITIONS:										
Acute Myocardial Infarction	5	40.0	54.1	*	40.0	60.4	*	40.0	64.3	*
Congestive Heart Failure	7	0.0	19.2	*	28.6	26.9	*	28.6	33.8	*
Pneumonia/Influenza	11	27.3	23.1	*	27.3	30.9	*	36.4	36.4	*
Chronic Obstructive Pulmonary Disease	1	0.0	12.0	*	0.0	28.8	*	0.0	45.1	*
Transient Cerebral Ischemia	1	0.0	3.0	*	0.0	8.3	*	0.0	15.0	*
Stroke	3	33.3	25.2	*	33.3	33.6	*	33.3	39.3	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	3.9	*	0.0	8.5	*	0.0	13.7	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	26
Occupancy Rate	35
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	2
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	10
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

RENVILLE BOTTINEAU MEMORIAL HOSPITAL

Medicare Provider Number: 350036

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	77	7.8	13.3	5.5	13.0	18.4	6.3	18.2	22.8	6.1
CONDITIONS:										
Acute Myocardial Infarction	7	42.9	41.7	*	42.9	47.1	*	42.9	51.9	*
Congestive Heart Failure	6	0.0	32.9	*	16.7	39.6	*	16.7	45.7	*
Pneumonia/Influenza	5	0.0	13.8	*	0.0	18.6	*	20.0	22.8	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	3	0.0	2.7	*	0.0	6.0	*	33.3	9.6	*
Stroke	3	0.0	15.8	*	0.0	20.5	*	0.0	24.6	*
Hip Fracture	1	0.0	13.7	*	0.0	25.0	*	0.0	31.5	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	0.9	*	0.0	2.4	*	0.0	4.2	*
Cholecystectomy	2	0.0	1.7	*	0.0	2.8	*	0.0	3.5	*
Hysterectomy	1	0.0	0.4	*	0.0	0.8	*	0.0	1.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	75	12.0	9.3	3.9	14.7	13.9	4.1	21.3	17.6	4.8
CONDITIONS:										
Acute Myocardial Infarction	2	0.0	34.6	*	0.0	37.7	*	0.0	41.5	*
Congestive Heart Failure	4	50.0	38.5	*	50.0	43.7	*	50.0	50.0	*
Pneumonia/Influenza	4	0.0	10.5	*	25.0	14.6	*	25.0	18.4	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	4	0.0	1.5	*	0.0	3.2	*	0.0	5.1	*
Stroke	1	100.0	44.0	*	100.0	56.6	*	100.0	63.6	*
Hip Fracture	1	0.0	7.1	*	0.0	11.3	*	0.0	14.1	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	3	0.0	1.0	*	0.0	2.7	*	0.0	5.0	*
Cholecystectomy	1	0.0	10.5	*	0.0	17.7	*	0.0	20.6	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

RICHARDTON HEALTH CENTER INC

212 Third Ave W
Richardton, ND 58652

Medicare Provider Number: 350060

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	17	17.6	12.4	*	17.6	17.5	*	29.4	21.6	*
CONDITIONS:										
Acute Myocardial Infarction	1	100.0	31.9	*	100.0	35.4	*	100.0	40.1	*
Congestive Heart Failure	2	0.0	8.1	*	0.0	13.2	*	0.0	17.9	*
Pneumonia/Influenza	4	25.0	30.9	*	25.0	41.8	*	50.0	47.8	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	26
Occupancy Rate	50
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	1
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	7
Licensed Practical Nurses	2

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

RICHARDTON HEALTH CENTER INC

Medicare Provider Number: 350060

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	41	9.8	11.3	*	12.2	15.5	*	17.1	19.3	*
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	21.9	*	0.0	24.8	*	0.0	28.8	*
Congestive Heart Failure	2	0.0	19.7	*	50.0	28.6	*	50.0	35.8	*
Pneumonia/Influenza	9	22.2	20.0	*	22.2	26.4	*	22.2	31.4	*
Chronic Obstructive Pulmonary Disease	1	0.0	25.0	*	0.0	45.4	*	0.0	60.6	*
Transient Cerebral Ischemia	0									
Stroke	2	0.0	24.9	*	0.0	30.7	*	50.0	35.6	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	65	7.7	12.3	5.2	12.3	17.3	6.0	15.4	21.5	8.0
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	35.7	*	0.0	39.3	*	0.0	44.4	*
Congestive Heart Failure	2	0.0	19.6	*	0.0	29.5	*	0.0	37.7	*
Pneumonia/Influenza	7	14.3	15.8	*	14.3	21.2	*	14.3	25.8	*
Chronic Obstructive Pulmonary Disease	1	0.0	10.6	*	0.0	15.9	*	0.0	22.0	*
Transient Cerebral Ischemia	1	0.0	1.3	*	0.0	2.8	*	0.0	4.5	*
Stroke	5	0.0	27.3	*	20.0	34.9	*	20.0	40.6	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	1.1	*	0.0	1.8	*	0.0	2.4	*
Hysterectomy	1	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

SAKAKAWEA MEDICAL CENTER

510 Eighth Ave N E
Hazen, ND 58545

Medicare Provider Number: 350039

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	203	6.4	10.0	2.4	8.9	14.6	3.2	10.8	18.4	3.7
CONDITIONS:										
Acute Myocardial Infarction	8	12.5	24.0	*	25.0	28.3	*	37.5	32.4	*
Congestive Heart Failure	22	13.6	15.2	*	22.7	22.5	*	31.8	28.8	*
Pneumonia/Influenza	11	9.1	18.2	*	9.1	25.7	*	9.1	31.1	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	9	0.0	1.7	*	0.0	3.8	*	0.0	6.1	*
Stroke	7	0.0	21.0	*	0.0	29.1	*	0.0	34.2	*
Hip Fracture	0									
Sepsis	3	0.0	22.1	*	0.0	33.2	*	0.0	40.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	1.3	*	0.0	2.1	*	0.0	2.7	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	37
Occupancy Rate	43
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	4
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	13
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

SAKAKAWEA MEDICAL CENTER
Medicare Provider Number: 350039

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	180	10.6	10.8	2.3	15.0	15.6	3.1	16.1	19.4	3.9
CONDITIONS:										
Acute Myocardial Infarction	6	33.3	29.1	*	33.3	34.0	*	33.3	38.8	*
Congestive Heart Failure	9	11.1	16.4	*	33.3	25.8	*	33.3	33.3	*
Pneumonia/Influenza	14	7.1	20.1	*	21.4	28.5	*	21.4	34.5	*
Chronic Obstructive Pulmonary Disease	2	50.0	13.3	*	50.0	20.0	*	50.0	25.8	*
Transient Cerebral Ischemia	2	0.0	1.4	*	0.0	2.9	*	0.0	4.5	*
Stroke	9	11.1	17.9	*	11.1	25.2	*	11.1	30.2	*
Hip Fracture	0									
Sepsis	1	0.0	11.0	*	0.0	14.4	*	0.0	18.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	1	0.0	2.6	*	0.0	5.7	*	0.0	8.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	181	2.2	8.4	3.1	7.2	12.8	3.5	7.7	16.6	3.9
CONDITIONS:										
Acute Myocardial Infarction	5	20.0	28.5	*	20.0	33.4	*	40.0	37.4	*
Congestive Heart Failure	17	0.0	17.0	*	0.0	24.9	*	0.0	31.9	*
Pneumonia/Influenza	9	0.0	15.0	*	0.0	20.2	*	0.0	24.8	*
Chronic Obstructive Pulmonary Disease	1	0.0	4.7	*	0.0	8.3	*	0.0	11.5	*
Transient Cerebral Ischemia	3	0.0	1.4	*	33.3	2.8	*	33.3	4.3	*
Stroke	3	0.0	21.0	*	0.0	28.0	*	0.0	33.5	*
Hip Fracture	0									
Sepsis	3	0.0	14.9	*	0.0	20.1	*	0.0	24.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	3.4	*	0.0	5.7	*	0.0	6.8	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST ALEXIUS MEDICAL CENTER

900 E Broadway
Bismarck, ND 58501

Medicare Provider Number: 350002

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,954	5.8	7.7	1.0	10.4	11.9	1.1	12.9	15.1	1.2
CONDITIONS:										
Acute Myocardial Infarction	69	15.9	27.3	7.0	18.8	30.5	7.5	20.3	34.0	7.7
Congestive Heart Failure	71	12.7	14.3	4.2	21.1	22.8	5.4	28.2	29.8	5.5
Pneumonia/Influenza	44	11.4	16.1	*	22.7	22.0	*	25.0	26.5	*
Chronic Obstructive Pulmonary Disease	25	4.0	7.1	*	8.0	12.6	*	16.0	17.5	*
Transient Cerebral Ischemia	13	0.0	1.2	*	0.0	2.6	*	0.0	4.2	*
Stroke	49	16.3	19.9	*	34.7	26.8	*	36.7	31.4	*
Hip Fracture	67	3.0	6.2	4.4	7.5	11.0	7.9	9.0	14.3	8.7
Sepsis	14	7.1	18.5	*	14.3	25.3	*	14.3	31.0	*
PROCEDURES:										
Angioplasty	28	0.0	4.2	*	0.0	5.1	*	0.0	6.1	*
Coronary Artery Bypass Graft	58	1.7	4.1	3.2	8.6	5.6	4.7	8.6	6.7	3.9
Initial Pacemaker Insertion	20	0.0	4.1	*	0.0	6.7	*	0.0	9.3	*
Carotid Endarterectomy	16	6.3	1.5	*	6.3	2.7	*	6.3	4.0	*
Hip Replacement/Reconstruction	84	0.0	1.8	2.1	3.6	3.6	3.2	3.6	5.1	3.2
Open Reduction of Hip Fracture	38	5.3	6.2	*	10.5	11.5	*	13.2	15.1	*
Prostatectomy	167	1.2	0.6	1.1	3.0	1.5	1.7	3.6	2.5	2.0
Cholecystectomy	37	0.0	2.4	*	5.4	4.6	*	5.4	6.2	*
Hysterectomy	28	0.0	0.4	*	0.0	0.9	*	3.6	1.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	267
Occupancy Rate	61
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	114
Percent of Physicians Board Certified Specialists	80
Medical Residents/Interns	0
Registered Nurses	250
Licensed Practical Nurses	85

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST ALEXIUS MEDICAL CENTER

Medicare Provider Number: 350002

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,836	6.6	7.1	0.8	9.2	10.9	1.0	11.6	13.8	1.3
CONDITIONS:										
Acute Myocardial Infarction	62	24.2	27.6	6.4	25.8	30.7	7.1	25.8	34.2	9.5
Congestive Heart Failure	61	9.8	15.5	8.4	19.7	24.0	7.1	26.2	30.9	7.5
Pneumonia/Influenza	56	16.1	17.3	5.2	21.4	23.4	7.2	25.0	28.0	7.4
Chronic Obstructive Pulmonary Disease	28	0.0	5.4	*	7.1	9.6	*	10.7	13.5	*
Transient Cerebral Ischemia	23	0.0	1.4	*	0.0	3.3	*	4.3	5.3	*
Stroke	42	16.7	21.2	*	23.8	27.2	*	23.8	31.8	*
Hip Fracture	58	5.2	6.8	5.5	8.6	13.0	6.8	13.8	17.2	6.0
Sepsis	16	18.8	20.4	*	18.8	27.3	*	25.0	32.8	*
PROCEDURES:										
Angioplasty	13	7.7	5.0	*	7.7	5.9	*	7.7	7.1	*
Coronary Artery Bypass Graft	41	7.3	5.6	*	7.3	7.7	*	7.3	9.0	*
Initial Pacemaker Insertion	16	0.0	7.1	*	6.3	11.1	*	31.3	15.1	*
Carotid Endarterectomy	18	0.0	1.2	*	0.0	2.3	*	0.0	3.3	*
Hip Replacement/Reconstruction	76	2.6	2.3	1.7	2.6	4.5	3.0	5.3	6.1	2.9
Open Reduction of Hip Fracture	33	6.1	5.9	*	12.1	11.9	*	15.2	16.1	*
Prostatectomy	172	0.0	0.7	0.9	1.7	1.8	1.0	2.9	3.0	1.3
Cholecystectomy	32	0.0	2.7	*	0.0	4.8	*	0.0	6.0	*
Hysterectomy	23	4.3	2.7	*	13.0	4.6	*	13.0	5.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,877	4.4	6.6	0.6	8.3	10.5	0.8	10.5	13.6	0.8
CONDITIONS:										
Acute Myocardial Infarction	39	17.9	28.6	*	30.8	32.7	*	33.3	36.6	*
Congestive Heart Failure	73	8.2	14.6	5.6	17.8	22.4	6.0	20.5	29.2	8.1
Pneumonia/Influenza	53	11.3	17.7	9.0	17.0	24.4	11.8	20.8	29.6	12.0
Chronic Obstructive Pulmonary Disease	26	7.7	6.4	*	11.5	11.6	*	15.4	16.2	*
Transient Cerebral Ischemia	24	0.0	2.0	*	0.0	4.4	*	0.0	6.9	*
Stroke	50	16.0	22.1	*	22.0	28.9	*	28.0	33.7	*
Hip Fracture	46	6.5	5.7	*	6.5	10.8	*	8.7	14.5	*
Sepsis	18	11.1	18.7	*	22.2	26.6	*	22.2	32.1	*
PROCEDURES:										
Angioplasty	10	0.0	3.3	*	0.0	4.1	*	0.0	5.1	*
Coronary Artery Bypass Graft	42	2.4	4.8	*	7.1	7.4	*	7.1	9.0	*
Initial Pacemaker Insertion	12	0.0	4.4	*	0.0	8.8	*	0.0	12.9	*
Carotid Endarterectomy	21	4.8	1.3	*	4.8	2.5	*	4.8	3.7	*
Hip Replacement/Reconstruction	78	0.0	1.7	*	0.0	3.3	*	0.0	4.7	*
Open Reduction of Hip Fracture	29	10.3	5.2	*	10.3	10.1	*	10.3	13.7	*
Prostatectomy	191	1.0	0.8	0.8	2.6	2.1	1.2	2.6	3.5	1.7
Cholecystectomy	34	0.0	2.9	*	0.0	4.4	*	2.9	5.4	*
Hysterectomy	20	0.0	0.5	*	0.0	1.2	*	0.0	1.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

351.1

ST. ALEXIUS
MEDICAL CENTER
"Let all be received as Christ"

January 7, 1991

Mrs. Sandra Kappert
Health Standards and Quality Bureau
Health Care Financing Administration
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

We are in receipt of our fiscal year end 1989 mortality data. The following statements represent our findings after analysis and discussion of the data published by HCFA.

Severity:
The methodology used to account for severity of illness is not adequate. Until hospitals are required to submit additional diagnostic and clinical information, the severity index is not reliable. The methodology currently used is simplistic and therefore not a credible measure of resources required to provide patient care or an adequate measure of expected outcome.

Comparative Data:
Again, because of changes which have occurred, it is virtually impossible for hospitals to verify past information.

1. Extensive changes have occurred within the ICD-9 CM nomenclature. St. Alexius Medical Center is concerned about the accuracy of the data and how information was collected using different ICD-9 codes and/or DRG groups.

2. Past data has been published by calendar year. Present information is now based on federal fiscal year end.

Cases Used for Analysis:
As in past years, if a patient is treated at a hospital more than once during the time period analyzed, only one admission is considered. In previous years, this was the last admission. The present rates are calculated on a random admission basis.

900 East Broadway Box 5510
Bismarck, North Dakota 58502-5510
701-224-7000
FAX 701-224-7284

Our recommendation includes calculation of rates based on each individual admission. Most hospitals calculate mortality rates as a gross death rate:

$$\frac{\text{number of inpatient deaths} \times 100}{\text{number of discharges (including deaths)}}$$

Data Displayed:
It is difficult to analyze data as it is currently displayed. Hospitals would benefit from individual reports which list those cases within the 30, 90, and 180 day time frames as well as the diagnostic/procedure categories.

Use of Data:
We continue to emphasize that mortality rate should not be used as the single measurement of the quality of care delivered by an individual hospital. Many other factors will need to be statistically quantified and blended in before reliable comparisons can be made.

St. Alexius Medical Center would like to take this opportunity to thank you for allowing us to respond to the mortality data and for your continued efforts to improve the methodology used to calculate and report this information.

Sincerely,

Richard A. Tschider, FACHE, Administrator
St. Alexius Medical Center

CAM/pw

ST ALOISIUS MEDICAL CENTER

325 East Brewster St
Harvey, ND 58341

Medicare Provider Number: 350018

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	212	10.4	13.3	2.7	13.2	20.0	3.5	17.5	24.9	3.9
CONDITIONS:										
Acute Myocardial Infarction	9	22.2	31.3	*	22.2	34.8	*	22.2	38.3	*
Congestive Heart Failure	12	0.0	16.5	*	0.0	25.1	*	8.3	32.2	*
Pneumonia/Influenza	21	9.5	16.5	*	9.5	22.1	*	9.5	26.6	*
Chronic Obstructive Pulmonary Disease	4	0.0	4.7	*	0.0	9.5	*	25.0	14.3	*
Transient Cerebral Ischemia	5	0.0	2.4	*	0.0	5.5	*	0.0	8.7	*
Stroke	14	21.4	24.5	*	21.4	32.4	*	35.7	37.4	*
Hip Fracture	1	0.0	10.7	*	0.0	20.2	*	0.0	27.1	*
Sepsis	1	0.0	17.8	*	0.0	23.2	*	0.0	27.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	164
Occupancy Rate	80
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	3
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	14
Licensed Practical Nurses	7

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST ALOISIUS MEDICAL CENTER

Medicare Provider Number: 350018

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	206	9.2	13.0	3.4	15.0	19.3	4.3	18.9	23.7	4.4
CONDITIONS:										
Acute Myocardial Infarction	9	55.6	30.6	*	55.6	34.1	*	66.7	37.3	*
Congestive Heart Failure	11	27.3	15.9	*	27.3	24.6	*	36.4	31.5	*
Pneumonia/Influenza	21	19.0	23.3	*	23.8	32.1	*	23.8	37.4	*
Chronic Obstructive Pulmonary Disease	4	0.0	5.6	*	0.0	11.5	*	0.0	16.9	*
Transient Cerebral Ischemia	11	0.0	1.7	*	0.0	3.7	*	0.0	5.8	*
Stroke	7	14.3	27.9	*	14.3	34.2	*	28.6	38.9	*
Hip Fracture	1	0.0	5.3	*	0.0	11.2	*	0.0	15.6	*
Sepsis	2	50.0	20.6	*	50.0	25.1	*	100.0	29.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	242	10.3	11.2	2.5	14.5	16.7	3.4	17.8	20.9	4.6
CONDITIONS:										
Acute Myocardial Infarction	8	37.5	30.2	*	50.0	33.2	*	50.0	36.6	*
Congestive Heart Failure	11	18.2	22.5	*	27.3	30.2	*	27.3	36.6	*
Pneumonia/Influenza	20	10.0	18.8	*	15.0	25.0	*	20.0	30.2	*
Chronic Obstructive Pulmonary Disease	2	0.0	2.5	*	0.0	5.1	*	0.0	7.4	*
Transient Cerebral Ischemia	8	0.0	1.9	*	0.0	4.1	*	0.0	6.6	*
Stroke	15	20.0	22.6	*	20.0	30.8	*	26.7	36.0	*
Hip Fracture	0									
Sepsis	3	33.3	33.0	*	66.7	46.3	*	100.0	53.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	0.5	*	0.0	1.0	*	0.0	1.4	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST ANDREWS HOSPITAL

316 Ohmer
Bottineau, ND 58318

Medicare Provider Number: 350007

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	234	12.0	13.1	3.6	16.7	19.6	4.2	20.9	24.7	5.3
CONDITIONS:										
Acute Myocardial Infarction	4	75.0	36.4	*	75.0	43.2	*	75.0	47.8	*
Congestive Heart Failure	15	20.0	19.2	*	26.7	30.1	*	33.3	38.4	*
Pneumonia/Influenza	27	18.5	20.5	*	22.2	27.3	*	25.9	32.5	*
Chronic Obstructive Pulmonary Disease	6	0.0	4.6	*	0.0	9.3	*	0.0	13.6	*
Transient Cerebral Ischemia	4	0.0	3.5	*	0.0	8.4	*	0.0	13.7	*
Stroke	13	46.2	32.2	*	53.8	40.9	*	53.8	46.8	*
Hip Fracture	0									
Sepsis	3	66.7	44.4	*	66.7	58.3	*	100.0	65.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	67
Occupancy Rate	57
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	4
Percent of Physicians Board Certified Specialists	75
Medical Residents/Interns	0
Registered Nurses	9
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST ANDREWS HOSPITAL

Medicare Provider Number: 350007

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	250	11.6	13.4	2.4	17.2	19.3	3.6	21.2	24.0	3.4
CONDITIONS:										
Acute Myocardial Infarction	7	28.6	38.4	*	28.6	41.7	*	28.6	45.7	*
Congestive Heart Failure	13	7.7	20.6	*	7.7	30.2	*	15.4	37.7	*
Pneumonia/Influenza	36	19.4	22.7	*	33.3	29.6	*	36.1	34.9	*
Chronic Obstructive Pulmonary Disease	2	0.0	6.5	*	0.0	14.3	*	0.0	22.1	*
Transient Cerebral Ischemia	4	0.0	5.5	*	0.0	12.7	*	25.0	20.1	*
Stroke	10	30.0	28.8	*	50.0	35.4	*	60.0	40.2	*
Hip Fracture	1	0.0	3.8	*	0.0	6.8	*	0.0	8.8	*
Sepsis	2	100.0	49.7	*	100.0	59.6	*	100.0	68.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	242	9.9	12.9	2.8	14.5	18.6	3.4	17.4	23.1	4.1
CONDITIONS:										
Acute Myocardial Infarction	7	14.3	29.6	*	14.3	32.4	*	14.3	35.8	*
Congestive Heart Failure	21	19.0	17.3	*	23.8	26.1	*	23.8	33.4	*
Pneumonia/Influenza	26	15.4	20.6	*	26.9	27.3	*	42.3	32.8	*
Chronic Obstructive Pulmonary Disease	3	0.0	11.0	*	0.0	18.5	*	0.0	24.5	*
Transient Cerebral Ischemia	8	0.0	2.8	*	0.0	6.2	*	0.0	10.0	*
Stroke	19	21.1	24.7	*	31.6	32.0	*	31.6	37.4	*
Hip Fracture	1	0.0	3.6	*	0.0	7.2	*	0.0	9.9	*
Sepsis	1	0.0	23.3	*	0.0	38.7	*	0.0	46.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST ANSGARS HOSPITAL

715 Vivian St
Park River, ND 58270

Medicare Provider Number: 350005

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	147	6.1	13.5	3.7	10.9	19.2	4.3	15.6	23.8	4.3
CONDITIONS:										
Acute Myocardial Infarction	8	12.5	28.4	*	25.0	32.1	*	25.0	35.5	*
Congestive Heart Failure	12	0.0	18.0	*	8.3	25.6	*	8.3	32.8	*
Pneumonia/Influenza	16	12.5	18.4	*	18.8	25.4	*	25.0	30.9	*
Chronic Obstructive Pulmonary Disease	1	0.0	19.1	*	0.0	32.4	*	0.0	41.5	*
Transient Cerebral Ischemia	2	0.0	1.5	*	0.0	3.4	*	0.0	5.6	*
Stroke	7	0.0	16.2	*	0.0	21.9	*	0.0	26.2	*
Hip Fracture	0									
Sepsis	1	0.0	9.2	*	0.0	13.5	*	0.0	17.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	1.8	*	0.0	3.4	*	0.0	4.4	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	22
Occupancy Rate	46
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	3
Percent of Physicians Board Certified Specialists	33
Medical Residents/Interns	0
Registered Nurses	9
Licensed Practical Nurses	8

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST ANSGARS HOSPITAL

Medicare Provider Number: 350005

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	150	15.3	11.9	4.0	20.7	17.3	4.7	23.3	21.7	4.4
CONDITIONS:										
Acute Myocardial Infarction	9	44.4	32.4	*	55.6	35.0	*	55.6	38.0	*
Congestive Heart Failure	13	15.4	15.7	*	23.1	22.2	*	30.8	28.7	*
Pneumonia/Influenza	13	30.8	23.2	*	38.5	31.6	*	46.2	37.6	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	0.0	1.0	*	0.0	2.0	*	0.0	3.1	*
Stroke	8	25.0	18.4	*	37.5	23.4	*	62.5	27.3	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	5	0.0	1.9	*	0.0	3.2	*	0.0	4.0	*
Hysterectomy	1	0.0	1.3	*	0.0	2.6	*	0.0	3.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	158	8.2	11.2	3.6	15.8	16.5	3.3	19.6	20.7	3.3
CONDITIONS:										
Acute Myocardial Infarction	11	18.2	26.9	*	18.2	29.9	*	18.2	33.3	*
Congestive Heart Failure	11	0.0	18.6	*	9.1	26.5	*	9.1	33.9	*
Pneumonia/Influenza	15	33.3	21.0	*	40.0	29.0	*	53.3	35.2	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	3	0.0	1.3	*	0.0	2.7	*	0.0	4.1	*
Stroke	8	0.0	19.3	*	12.5	25.7	*	12.5	30.0	*
Hip Fracture	3	0.0	5.9	*	0.0	10.5	*	0.0	13.5	*
Sepsis	1	0.0	26.2	*	0.0	37.5	*	0.0	42.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	6	0.0	2.6	*	16.7	5.1	*	16.7	7.4	*
Hysterectomy	1	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST GERARDS COMMUNITY HOSPITAL

613 First Ave SW
Hankinson, ND 58041

Medicare Provider Number: 350032

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	43	27.9	10.1	*	27.9	16.1	*	32.6	20.9	*
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	23.7	*	0.0	26.9	*	0.0	30.6	*
Congestive Heart Failure	5	40.0	18.7	*	40.0	29.1	*	40.0	37.7	*
Pneumonia/Influenza	6	50.0	16.9	*	50.0	23.6	*	50.0	29.2	*
Chronic Obstructive Pulmonary Disease	1	0.0	5.0	*	0.0	11.3	*	0.0	17.7	*
Transient Cerebral Ischemia	3	0.0	1.7	*	0.0	3.9	*	0.0	6.4	*
Stroke	0									
Hip Fracture	1	0.0	7.7	*	0.0	15.8	*	0.0	21.9	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	6.6	*	0.0	14.3	*	0.0	20.3	*
Prostatectomy	2	0.0	0.3	*	0.0	0.7	*	50.0	1.1	*
Cholecystectomy	4	0.0	1.9	*	0.0	3.6	*	0.0	5.2	*
Hysterectomy	2	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	55
Occupancy Rate	64
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	2
Percent of Physicians Board Certified Specialists	50
Medical Residents/Interns	0
Registered Nurses	7
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST GERARDS COMMUNITY HOSPITAL

Medicare Provider Number: 350032

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	47	21.3	13.2	*	23.4	18.3	*	25.5	22.4	*
CONDITIONS:										
Acute Myocardial Infarction	2	0.0	21.8	*	0.0	24.6	*	0.0	27.9	*
Congestive Heart Failure	5	60.0	24.1	*	60.0	33.6	*	60.0	42.0	*
Pneumonia/Influenza	7	0.0	19.4	*	0.0	26.2	*	14.3	30.9	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	100.0	3.1	*	100.0	6.8	*	100.0	10.7	*
Stroke	3	33.3	30.3	*	33.3	36.6	*	33.3	41.3	*
Hip Fracture	1	0.0	3.7	*	0.0	7.1	*	0.0	9.6	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	3.2	*	0.0	6.4	*	0.0	8.9	*
Prostatectomy	3	33.3	0.6	*	33.3	1.5	*	33.3	2.7	*
Cholecystectomy	4	0.0	1.0	*	0.0	2.0	*	0.0	2.8	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	68	10.3	9.4	4.5	14.7	14.2	4.3	17.6	18.0	4.8
CONDITIONS:										
Acute Myocardial Infarction	3	0.0	22.2	*	0.0	24.8	*	0.0	27.9	*
Congestive Heart Failure	9	22.2	12.8	*	33.3	20.0	*	33.3	26.2	*
Pneumonia/Influenza	8	0.0	20.1	*	12.5	27.0	*	37.5	32.9	*
Chronic Obstructive Pulmonary Disease	1	0.0	6.3	*	0.0	11.4	*	0.0	15.5	*
Transient Cerebral Ischemia	3	0.0	1.5	*	0.0	3.2	*	0.0	5.1	*
Stroke	0									
Hip Fracture	3	33.3	6.7	*	33.3	13.0	*	33.3	17.2	*
Sepsis	2	0.0	12.7	*	0.0	18.8	*	0.0	24.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	10.8	*	0.0	21.1	*	0.0	27.3	*
Open Reduction of Hip Fracture	1	0.0	3.9	*	0.0	8.3	*	0.0	11.7	*
Prostatectomy	0									
Cholecystectomy	4	0.0	0.8	*	0.0	1.7	*	0.0	2.5	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST JOHNS HOSPITAL

510 South 4th Street
Fargo, ND 58102

Medicare Provider Number: 350020

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	666	7.1	6.8	2.0	9.6	10.6	1.8	13.1	13.7	1.7
CONDITIONS:										
Acute Myocardial Infarction	8	50.0	29.1	*	50.0	33.9	*	62.5	38.4	*
Congestive Heart Failure	28	25.0	13.8	*	25.0	21.7	*	28.6	28.2	*
Pneumonia/Influenza	30	3.3	14.8	*	3.3	20.1	*	6.7	24.3	*
Chronic Obstructive Pulmonary Disease	1	0.0	2.8	*	0.0	5.9	*	0.0	8.8	*
Transient Cerebral Ischemia	6	0.0	2.0	*	0.0	4.3	*	0.0	6.9	*
Stroke	14	21.4	19.2	*	28.6	25.4	*	28.6	30.1	*
Hip Fracture	27	3.7	6.9	*	7.4	12.2	*	7.4	15.8	*
Sepsis	3	33.3	29.7	*	66.7	35.0	*	66.7	41.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	0.6	*	0.0	1.3	*	0.0	2.1	*
Carotid Endarterectomy	3	0.0	0.9	*	0.0	1.6	*	0.0	2.3	*
Hip Replacement/Reconstruction	21	0.0	3.2	*	4.8	5.7	*	4.8	7.3	*
Open Reduction of Hip Fracture	15	0.0	5.3	*	0.0	10.2	*	0.0	13.6	*
Prostatectomy	34	0.0	0.7	*	0.0	1.8	*	2.9	3.1	*
Cholecystectomy	9	0.0	5.6	*	0.0	10.3	*	0.0	13.3	*
Hysterectomy	7	0.0	0.5	*	0.0	1.0	*	0.0	1.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	101
Occupancy Rate	55
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST JOHNS HOSPITAL

Medicare Provider Number: 350020

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	718	8.1	6.8	1.4	12.0	10.6	1.6	13.8	13.7	1.3
CONDITIONS:										
Acute Myocardial Infarction	13	46.2	27.8	*	46.2	31.4	*	46.2	35.3	*
Congestive Heart Failure	23	17.4	17.5	*	34.8	27.2	*	39.1	35.0	*
Pneumonia/Influenza	26	19.2	17.2	*	26.9	23.5	*	30.8	28.2	*
Chronic Obstructive Pulmonary Disease	3	0.0	5.1	*	0.0	9.5	*	33.3	13.7	*
Transient Cerebral Ischemia	15	13.3	2.1	*	13.3	4.6	*	13.3	7.4	*
Stroke	26	30.8	20.6	*	34.6	27.6	*	46.2	32.6	*
Hip Fracture	24	12.5	6.8	*	16.7	12.9	*	16.7	17.0	*
Sepsis	11	18.2	27.3	*	36.4	32.4	*	36.4	37.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	2	0.0	2.1	*	0.0	4.3	*	0.0	6.6	*
Hip Replacement/Reconstruction	22	0.0	1.4	*	0.0	2.7	*	0.0	3.7	*
Open Reduction of Hip Fracture	19	15.8	6.3	*	21.1	12.6	*	21.1	17.0	*
Prostatectomy	28	0.0	0.6	*	0.0	1.5	*	0.0	2.5	*
Cholecystectomy	19	0.0	3.6	*	5.3	6.3	*	5.3	8.2	*
Hysterectomy	8	0.0	1.0	*	0.0	2.6	*	0.0	4.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	791	5.9	6.0	0.9	10.0	9.9	1.3	12.6	13.2	1.4
CONDITIONS:										
Acute Myocardial Infarction	6	0.0	28.6	*	0.0	32.1	*	0.0	35.5	*
Congestive Heart Failure	32	6.3	12.9	*	18.8	20.2	*	21.9	26.4	*
Pneumonia/Influenza	20	15.0	11.3	*	15.0	15.6	*	15.0	19.3	*
Chronic Obstructive Pulmonary Disease	5	20.0	5.3	*	40.0	10.4	*	40.0	14.9	*
Transient Cerebral Ischemia	14	0.0	2.7	*	7.1	6.4	*	7.1	10.4	*
Stroke	18	22.2	25.1	*	27.8	31.4	*	27.8	36.2	*
Hip Fracture	24	12.5	5.8	*	20.8	10.9	*	25.0	14.3	*
Sepsis	4	0.0	24.2	*	0.0	32.1	*	25.0	38.9	*
PROCEDURES:										
Angioplasty	1	0.0	2.5	*	0.0	4.5	*	0.0	5.7	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	50.0	10.5	*	50.0	16.0	*	50.0	19.8	*
Carotid Endarterectomy	4	0.0	3.2	*	0.0	6.6	*	0.0	9.3	*
Hip Replacement/Reconstruction	36	2.8	1.3	*	5.6	2.5	*	8.3	3.4	*
Open Reduction of Hip Fracture	17	11.8	5.7	*	17.6	11.1	*	23.5	15.0	*
Prostatectomy	33	0.0	0.7	*	3.0	1.7	*	6.1	2.8	*
Cholecystectomy	21	4.8	2.3	*	4.8	4.2	*	4.8	5.5	*
Hysterectomy	7	0.0	1.3	*	0.0	3.0	*	0.0	4.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST JOSEPHS HOSPITAL

30 7th Street West
Dickinson, ND 58601

Medicare Provider Number: 350003

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	687	8.6	9.2	1.3	12.4	13.8	1.7	15.4	17.6	2.3
CONDITIONS:										
Acute Myocardial Infarction	27	22.2	28.0	*	33.3	31.6	*	33.3	35.2	*
Congestive Heart Failure	44	11.4	15.1	*	18.2	23.4	*	25.0	30.4	*
Pneumonia/Influenza	37	21.6	14.4	*	27.0	19.4	*	32.4	23.5	*
Chronic Obstructive Pulmonary Disease	11	9.1	4.9	*	9.1	8.9	*	18.2	12.9	*
Transient Cerebral Ischemia	14	0.0	1.7	*	0.0	3.9	*	0.0	6.3	*
Stroke	21	14.3	23.6	*	19.0	30.5	*	23.8	35.0	*
Hip Fracture	19	5.3	8.2	*	5.3	15.0	*	10.5	19.4	*
Sepsis	15	26.7	24.9	*	33.3	32.8	*	40.0	39.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	3.9	*	0.0	6.3	*	0.0	8.6	*
Carotid Endarterectomy	2	0.0	1.9	*	0.0	3.4	*	0.0	5.2	*
Hip Replacement/Reconstruction	7	0.0	5.7	*	0.0	11.4	*	0.0	15.5	*
Open Reduction of Hip Fracture	10	0.0	6.5	*	0.0	11.9	*	0.0	15.3	*
Prostatectomy	27	0.0	1.1	*	0.0	2.8	*	0.0	4.8	*
Cholecystectomy	13	0.0	2.1	*	0.0	3.9	*	0.0	5.2	*
Hysterectomy	11	0.0	0.3	*	9.1	0.8	*	18.2	1.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	98
Occupancy Rate	53
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	30
Percent of Physicians Board Certified Specialists	60
Medical Residents/Interns	0
Registered Nurses	72
Licensed Practical Nurses	25

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST JOSEPHS HOSPITAL

Medicare Provider Number: 350003

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	773	6.7	8.5	1.2	10.3	13.1	1.6	13.2	16.7	1.9
CONDITIONS:										
Acute Myocardial Infarction	26	19.2	24.6	*	19.2	28.5	*	23.1	32.2	*
Congestive Heart Failure	30	10.0	14.6	*	13.3	22.3	*	16.7	28.8	*
Pneumonia/Influenza	31	19.4	16.2	*	22.6	22.3	*	25.8	27.0	*
Chronic Obstructive Pulmonary Disease	11	0.0	5.6	*	0.0	11.1	*	0.0	16.3	*
Transient Cerebral Ischemia	13	0.0	1.8	*	0.0	4.0	*	0.0	6.2	*
Stroke	30	16.7	18.7	*	26.7	26.1	*	30.0	30.9	*
Hip Fracture	14	7.1	5.7	*	7.1	10.2	*	21.4	13.0	*
Sepsis	12	16.7	30.3	*	25.0	39.8	*	33.3	46.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	14.3	2.4	*	14.3	4.7	*	28.6	6.4	*
Open Reduction of Hip Fracture	11	9.1	5.2	*	9.1	9.5	*	18.2	12.3	*
Prostatectomy	29	3.4	0.9	*	3.4	2.4	*	3.4	4.0	*
Cholecystectomy	17	0.0	3.3	*	5.9	5.8	*	5.9	7.3	*
Hysterectomy	7	0.0	0.4	*	0.0	0.9	*	0.0	1.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	728	5.8	8.6	1.3	10.6	13.3	2.1	12.5	17.0	1.9
CONDITIONS:										
Acute Myocardial Infarction	19	26.3	26.1	*	31.6	29.2	*	31.6	32.5	*
Congestive Heart Failure	27	11.1	20.4	*	22.2	31.2	*	22.2	39.4	*
Pneumonia/Influenza	40	17.5	18.9	*	20.0	25.5	*	27.5	30.9	*
Chronic Obstructive Pulmonary Disease	8	0.0	8.2	*	0.0	14.9	*	0.0	20.5	*
Transient Cerebral Ischemia	16	0.0	2.2	*	0.0	4.8	*	6.3	7.7	*
Stroke	29	17.2	21.9	*	20.7	30.4	*	24.1	35.3	*
Hip Fracture	15	6.7	8.7	*	6.7	16.1	*	6.7	20.4	*
Sepsis	4	0.0	33.5	*	25.0	48.9	*	50.0	56.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	4.0	*	0.0	8.3	*	0.0	12.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	0.0	5.0	*	0.0	10.0	*	0.0	13.5	*
Open Reduction of Hip Fracture	8	12.5	10.1	*	12.5	19.4	*	12.5	24.8	*
Prostatectomy	21	0.0	0.5	*	0.0	1.2	*	0.0	2.0	*
Cholecystectomy	29	0.0	2.4	*	3.4	4.1	*	3.4	5.1	*
Hysterectomy	3	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST JOSEPHS HOSPITAL

Third St SE & Burdick Expy
Minot, ND 58701

Medicare Provider Number: 350006

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	939	7.7	9.4	1.2	11.0	14.6	1.6	14.2	18.5	1.8
CONDITIONS:										
Acute Myocardial Infarction	14	35.7	26.6	*	42.9	30.0	*	42.9	33.6	*
Congestive Heart Failure	53	11.3	17.1	9.1	15.1	26.0	10.7	24.5	33.0	9.9
Pneumonia/Influenza	20	10.0	22.3	*	10.0	30.3	*	15.0	36.3	*
Chronic Obstructive Pulmonary Disease	19	5.3	6.8	*	10.5	13.0	*	10.5	18.5	*
Transient Cerebral Ischemia	10	0.0	1.5	*	0.0	3.3	*	10.0	5.1	*
Stroke	27	14.8	26.4	*	14.8	33.4	*	14.8	38.4	*
Hip Fracture	26	3.8	5.6	*	15.4	10.3	*	19.2	13.7	*
Sepsis	11	18.2	21.9	*	36.4	29.3	*	36.4	34.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	13	0.0	2.9	*	0.0	6.0	*	0.0	9.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	37	0.0	1.9	*	2.7	3.7	*	2.7	5.2	*
Open Reduction of Hip Fracture	9	11.1	5.6	*	22.2	10.7	*	33.3	14.3	*
Prostatectomy	71	0.0	1.2	1.5	0.0	3.0	2.8	1.4	5.1	3.4
Cholecystectomy	5	0.0	1.3	*	0.0	2.4	*	0.0	3.1	*
Hysterectomy	15	0.0	0.9	*	0.0	1.8	*	0.0	2.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	172
Occupancy Rate	51
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	79
Percent of Physicians Board Certified Specialists	81
Medical Residents/Interns	0
Registered Nurses	99
Licensed Practical Nurses	33

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST JOSEPHS HOSPITAL

Medicare Provider Number: 350006

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,006	5.4	8.1	1.2	9.6	12.7	1.4	13.1	16.3	1.6
CONDITIONS:										
Acute Myocardial Infarction	24	29.2	29.2	*	33.3	32.3	*	45.8	35.9	*
Congestive Heart Failure	58	10.3	15.1	6.5	20.7	23.4	7.9	24.1	30.3	11.4
Pneumonia/Influenza	33	15.2	20.3	*	24.2	27.2	*	24.2	32.3	*
Chronic Obstructive Pulmonary Disease	8	0.0	4.8	*	0.0	9.0	*	0.0	13.0	*
Transient Cerebral Ischemia	11	0.0	1.8	*	0.0	4.2	*	9.1	6.6	*
Stroke	16	25.0	31.4	*	31.3	39.9	*	37.5	45.6	*
Hip Fracture	22	0.0	5.7	*	4.5	10.8	*	4.5	14.1	*
Sepsis	12	16.7	26.5	*	16.7	35.6	*	16.7	42.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	0.0	3.2	*	0.0	7.0	*	0.0	10.7	*
Carotid Endarterectomy	3	0.0	1.1	*	0.0	2.0	*	0.0	2.9	*
Hip Replacement/Reconstruction	40	2.5	1.7	*	5.0	3.4	*	5.0	4.7	*
Open Reduction of Hip Fracture	10	0.0	6.1	*	0.0	11.9	*	0.0	16.0	*
Prostatectomy	72	1.4	0.9	1.3	1.4	2.3	1.9	1.4	3.9	3.1
Cholecystectomy	13	0.0	3.6	*	0.0	7.0	*	7.7	9.2	*
Hysterectomy	16	0.0	0.8	*	6.3	1.7	*	12.5	2.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,056	6.2	7.3	1.2	9.7	11.6	1.3	13.2	15.0	1.4
CONDITIONS:										
Acute Myocardial Infarction	27	25.9	27.4	*	29.6	30.4	*	29.6	33.8	*
Congestive Heart Failure	53	7.5	15.3	7.7	15.1	23.5	8.5	20.8	30.4	9.8
Pneumonia/Influenza	24	16.7	20.0	*	25.0	26.6	*	29.2	31.8	*
Chronic Obstructive Pulmonary Disease	7	0.0	9.0	*	0.0	15.0	*	14.3	19.4	*
Transient Cerebral Ischemia	13	0.0	2.0	*	0.0	4.4	*	7.7	6.8	*
Stroke	20	25.0	20.3	*	25.0	27.6	*	30.0	32.2	*
Hip Fracture	21	9.5	4.6	*	9.5	9.3	*	14.3	12.7	*
Sepsis	14	28.6	30.3	*	42.9	41.1	*	42.9	49.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	11	9.1	4.2	*	9.1	7.8	*	9.1	10.7	*
Carotid Endarterectomy	3	0.0	1.8	*	0.0	3.3	*	0.0	4.8	*
Hip Replacement/Reconstruction	32	3.1	1.7	*	3.1	3.3	*	6.3	4.6	*
Open Reduction of Hip Fracture	7	14.3	3.9	*	14.3	7.9	*	14.3	10.7	*
Prostatectomy	61	1.6	0.9	1.6	3.3	2.3	2.1	3.3	3.9	2.6
Cholecystectomy	17	0.0	1.6	*	0.0	2.6	*	0.0	3.3	*
Hysterectomy	7	0.0	0.3	*	0.0	0.6	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST LUKES HOSPITAL

702 SW 1st St
Crosby, ND 58730

Medicare Provider Number: 350021

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	147	11.6	10.6	3.0	13.6	16.5	3.5	15.6	21.4	4.3
CONDITIONS:										
Acute Myocardial Infarction	6	33.3	28.1	*	33.3	31.4	*	33.3	35.4	*
Congestive Heart Failure	9	11.1	15.4	*	11.1	23.7	*	33.3	30.5	*
Pneumonia/Influenza	29	20.7	19.5	*	20.7	26.6	*	20.7	32.0	*
Chronic Obstructive Pulmonary Disease	9	11.1	4.2	*	11.1	8.6	*	11.1	12.7	*
Transient Cerebral Ischemia	0									
Stroke	3	66.7	17.7	*	66.7	26.2	*	66.7	31.2	*
Hip Fracture	4	0.0	3.2	*	0.0	6.1	*	0.0	8.6	*
Sepsis	2	0.0	6.8	*	0.0	10.0	*	0.0	12.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	1	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	25
Occupancy Rate	32
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	8
Percent of Physicians Board Certified Specialists	75
Medical Residents/Interns	0
Registered Nurses	6
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST LUKES HOSPITAL

Medicare Provider Number: 350021

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	127	5.5	9.3	3.1	7.9	13.9	4.2	9.4	17.8	5.1
CONDITIONS:										
Acute Myocardial Infarction	7	14.3	35.5	*	14.3	38.8	*	14.3	42.8	*
Congestive Heart Failure	8	12.5	14.2	*	12.5	20.7	*	12.5	26.7	*
Pneumonia/Influenza	12	16.7	17.2	*	25.0	23.5	*	33.3	28.3	*
Chronic Obstructive Pulmonary Disease	6	0.0	3.4	*	0.0	6.9	*	0.0	9.9	*
Transient Cerebral Ischemia	2	0.0	2.3	*	0.0	4.9	*	0.0	7.7	*
Stroke	0									
Hip Fracture	2	0.0	10.6	*	0.0	22.0	*	0.0	30.6	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	2	0.0	9.1	*	0.0	19.8	*	0.0	28.4	*
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	1	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	138	7.2	7.9	2.4	13.0	13.0	3.4	13.8	17.2	4.0
CONDITIONS:										
Acute Myocardial Infarction	1	100.0	13.5	*	100.0	15.7	*	100.0	18.4	*
Congestive Heart Failure	5	0.0	15.4	*	0.0	23.3	*	0.0	30.3	*
Pneumonia/Influenza	22	18.2	14.5	*	31.8	20.1	*	31.8	24.8	*
Chronic Obstructive Pulmonary Disease	3	33.3	8.0	*	33.3	16.9	*	33.3	23.8	*
Transient Cerebral Ischemia	2	0.0	1.6	*	0.0	3.7	*	0.0	5.9	*
Stroke	2	0.0	14.5	*	0.0	22.1	*	0.0	26.9	*
Hip Fracture	2	0.0	4.5	*	0.0	8.7	*	0.0	11.8	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	3.2	*	0.0	6.5	*	0.0	9.1	*
Prostatectomy	1	0.0	0.9	*	0.0	2.1	*	0.0	3.3	*
Cholecystectomy	1	0.0	0.5	*	0.0	1.0	*	0.0	1.5	*
Hysterectomy	2	0.0	0.2	*	0.0	0.4	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST LUKES HOSPITALS

5th St at Mills Ave
Fargo, ND 58122

Medicare Provider Number: 350011

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,803	8.7	9.1	0.9	13.6	14.2	1.1	16.9	18.2	1.1
CONDITIONS:										
Acute Myocardial Infarction	100	28.0	24.5	6.2	30.0	27.9	5.5	32.0	31.4	5.2
Congestive Heart Failure	97	17.5	15.4	3.8	23.7	24.4	5.1	25.8	31.6	5.4
Pneumonia/Influenza	47	25.5	17.2	*	25.5	23.7	*	27.7	28.7	*
Chronic Obstructive Pulmonary Disease	17	5.9	9.1	*	23.5	15.7	*	29.4	21.0	*
Transient Cerebral Ischemia	30	6.7	1.6	*	6.7	3.6	*	6.7	5.8	*
Stroke	95	13.7	21.3	5.9	21.1	28.8	6.5	23.2	33.8	8.1
Hip Fracture	86	8.1	6.6	4.3	12.8	12.4	3.8	16.3	16.5	4.0
Sepsis	28	21.4	28.4	*	35.7	38.6	*	39.3	45.4	*
PROCEDURES:										
Angioplasty	58	3.4	3.4	2.5	5.2	4.2	3.3	6.9	5.3	3.5
Coronary Artery Bypass Graft	107	3.7	5.2	3.2	5.6	7.5	3.1	6.5	9.1	3.2
Initial Pacemaker Insertion	28	0.0	3.0	*	0.0	6.3	*	3.6	9.6	*
Carotid Endarterectomy	20	5.0	1.6	*	5.0	3.1	*	5.0	4.6	*
Hip Replacement/Reconstruction	99	4.0	2.4	2.3	6.1	4.8	2.4	8.1	6.8	2.9
Open Reduction of Hip Fracture	43	9.3	6.1	*	14.0	11.6	*	16.3	15.5	*
Prostatectomy	145	0.7	0.6	0.8	1.4	1.4	1.1	2.8	2.5	1.3
Cholecystectomy	69	7.2	5.3	3.5	8.7	9.6	3.9	8.7	12.5	5.1
Hysterectomy	33	0.0	0.6	*	3.0	1.3	*	3.0	2.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	381
Occupancy Rate	72
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	162
Percent of Physicians Board Certified Specialists	87
Medical Residents/Interns	0
Registered Nurses	528
Licensed Practical Nurses	53

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

ST LUKES HOSPITALS

Medicare Provider Number: 350011

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,970	7.7	8.1	0.6	13.3	12.8	0.8	16.5	16.6	0.7
CONDITIONS:										
Acute Myocardial Infarction	100	33.0	25.2	7.0	36.0	28.6	6.6	37.0	32.2	5.9
Congestive Heart Failure	81	16.0	15.9	4.2	27.2	24.8	5.2	33.3	31.9	5.3
Pneumonia/Influenza	48	16.7	18.7	*	20.8	25.5	*	25.0	30.7	*
Chronic Obstructive Pulmonary Disease	17	5.9	7.7	*	23.5	13.8	*	29.4	19.3	*
Transient Cerebral Ischemia	39	2.6	1.6	*	5.1	3.5	*	7.7	5.5	*
Stroke	95	16.8	21.6	6.2	23.2	28.4	6.6	30.5	33.2	5.4
Hip Fracture	89	6.7	5.8	2.6	12.4	11.3	3.5	14.6	15.2	3.9
Sepsis	9	44.4	26.2	*	44.4	32.1	*	66.7	37.7	*
PROCEDURES:										
Angioplasty	43	2.3	3.1	*	2.3	3.9	*	2.3	4.9	*
Coronary Artery Bypass Graft	89	11.2	6.0	4.0	13.5	8.2	4.2	13.5	9.5	4.3
Initial Pacemaker Insertion	31	3.2	3.9	*	3.2	6.6	*	6.5	9.1	*
Carotid Endarterectomy	26	7.7	1.5	*	7.7	2.8	*	11.5	4.1	*
Hip Replacement/Reconstruction	97	3.1	2.9	2.8	6.2	6.1	4.6	6.2	8.8	4.9
Open Reduction of Hip Fracture	39	10.3	5.6	*	15.4	11.3	*	20.5	15.5	*
Prostatectomy	144	0.7	0.7	0.7	3.5	1.7	2.4	3.5	2.9	1.9
Cholecystectomy	59	0.0	3.7	4.0	5.1	7.1	4.0	11.9	9.6	4.9
Hysterectomy	33	0.0	0.8	*	3.0	1.8	*	3.0	2.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,956	7.4	8.0	0.6	11.6	12.8	0.9	15.0	16.6	1.1
CONDITIONS:										
Acute Myocardial Infarction	84	33.3	27.1	6.5	34.5	31.4	6.1	36.9	35.3	5.8
Congestive Heart Failure	79	20.3	15.3	7.3	26.6	24.1	6.0	32.9	31.3	5.4
Pneumonia/Influenza	47	17.0	16.7	*	23.4	23.8	*	29.8	29.4	*
Chronic Obstructive Pulmonary Disease	22	13.6	12.3	*	22.7	20.6	*	27.3	27.1	*
Transient Cerebral Ischemia	55	0.0	1.6	2.3	0.0	3.5	4.1	3.6	5.5	3.5
Stroke	94	18.1	22.0	4.6	20.2	29.1	5.7	22.3	33.9	6.7
Hip Fracture	87	10.3	5.8	4.8	13.8	11.0	4.7	18.4	14.8	5.0
Sepsis	23	17.4	25.8	*	34.8	35.2	*	34.8	42.3	*
PROCEDURES:										
Angioplasty	23	4.3	4.5	*	4.3	5.6	*	4.3	7.0	*
Coronary Artery Bypass Graft	117	4.3	5.3	2.4	4.3	7.3	3.1	4.3	8.5	3.5
Initial Pacemaker Insertion	32	3.1	3.8	*	3.1	7.7	*	3.1	11.3	*
Carotid Endarterectomy	29	0.0	1.6	*	0.0	3.2	*	0.0	4.8	*
Hip Replacement/Reconstruction	114	4.4	3.0	2.4	6.1	5.8	2.7	7.9	8.0	2.8
Open Reduction of Hip Fracture	39	12.8	5.0	*	17.9	10.2	*	23.1	14.2	*
Prostatectomy	115	0.9	0.9	1.1	1.7	2.2	2.1	5.2	3.8	2.5
Cholecystectomy	83	1.2	3.1	2.4	2.4	5.6	3.5	3.6	7.5	4.1
Hysterectomy	39	2.6	0.6	*	2.6	1.3	*	2.6	2.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST LUKES TRI-STATE HOSPITAL

202 6th Ave SW
Bowman, ND 58623

Medicare Provider Number: 350023

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	164	5.5	9.2	2.8	9.1	14.5	4.1	10.4	19.0	4.7
CONDITIONS:										
Acute Myocardial Infarction	4	50.0	25.9	*	50.0	28.9	*	50.0	31.9	*
Congestive Heart Failure	21	9.5	17.0	*	9.5	26.6	*	14.3	34.5	*
Pneumonia/Influenza	14	14.3	15.1	*	21.4	21.9	*	21.4	26.9	*
Chronic Obstructive Pulmonary Disease	1	0.0	5.3	*	0.0	9.1	*	0.0	12.8	*
Transient Cerebral Ischemia	4	0.0	2.1	*	0.0	4.6	*	0.0	7.4	*
Stroke	4	0.0	24.8	*	25.0	33.0	*	25.0	38.9	*
Hip Fracture	0									
Sepsis	2	0.0	14.8	*	0.0	22.2	*	0.0	26.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1990

Total Beds	36
Ownership/Control	Private, Non-Profit

STAFFING:

Medical Residents/Interns	0
Registered Nurses	8
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	Yes
Hospice	No
Intensive Care Unit	Yes
Organ Transplant	No
Rehabilitation	No
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

ST LUKES TRI-STATE HOSPITAL

Medicare Provider Number: 350023

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	183	4.4	8.6	2.9	8.2	13.4	3.6	12.0	17.4	4.0
CONDITIONS:										
Acute Myocardial Infarction	3	0.0	23.7	*	0.0	26.4	*	0.0	30.0	*
Congestive Heart Failure	11	9.1	17.4	*	18.2	27.5	*	27.3	35.4	*
Pneumonia/Influenza	14	7.1	16.8	*	7.1	23.5	*	21.4	28.4	*
Chronic Obstructive Pulmonary Disease	4	0.0	5.3	*	0.0	11.4	*	0.0	17.1	*
Transient Cerebral Ischemia	4	0.0	1.4	*	0.0	3.2	*	0.0	5.0	*
Stroke	3	66.7	17.4	*	66.7	25.0	*	66.7	29.7	*
Hip Fracture	0									
Sepsis	1	100.0	27.2	*	100.0	31.9	*	100.0	37.9	*
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	2	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	169	8.3	10.7	3.9	13.0	16.2	4.8	16.6	20.6	5.1
CONDITIONS:										
Acute Myocardial Infarction	7	28.6	31.6	*	28.6	35.1	*	28.6	38.2	*
Congestive Heart Failure	13	23.1	17.2	*	30.8	26.1	*	46.2	33.1	*
Pneumonia/Influenza	13	7.7	14.6	*	23.1	19.7	*	23.1	24.0	*
Chronic Obstructive Pulmonary Disease	3	0.0	28.1	*	0.0	48.7	*	0.0	59.5	*
Transient Cerebral Ischemia	4	0.0	1.5	*	25.0	3.1	*	25.0	4.9	*
Stroke	7	28.6	26.2	*	28.6	36.1	*	42.9	42.5	*
Hip Fracture	2	50.0	4.3	*	100.0	8.5	*	100.0	11.5	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	4.2	*	100.0	8.7	*	100.0	12.1	*
Prostatectomy	0									
Cholecystectomy	4	0.0	1.8	*	0.0	3.1	*	0.0	4.2	*
Hysterectomy	1	0.0	0.5	*	0.0	1.5	*	0.0	3.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

STANLEY COMMUNITY HOSPITAL

502 Third St SE
Stanley, ND 58784

Medicare Provider Number: 350029

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	109	8.3	6.2	3.6	11.0	9.9	4.8	15.6	13.2	5.2
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	8	12.5	13.4	*	12.5	21.4	*	50.0	28.2	*
Pneumonia/Influenza	11	18.2	14.9	*	27.3	20.0	*	27.3	24.1	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	100.0	6.4	*	100.0	15.5	*	100.0	23.5	*
Stroke	4	25.0	18.6	*	50.0	25.4	*	50.0	30.2	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	4	25.0	1.3	*	25.0	2.3	*	25.0	3.0	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	28
Occupancy Rate	18
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	3
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	8
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

STANLEY COMMUNITY HOSPITAL

Medicare Provider Number: 350029

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	108	7.4	10.0	3.3	9.3	14.9	4.7	13.0	19.0	5.9
CONDITIONS:										
Acute Myocardial Infarction	7	42.9	45.4	*	42.9	49.9	*	42.9	55.1	*
Congestive Heart Failure	5	0.0	14.2	*	0.0	21.4	*	0.0	27.6	*
Pneumonia/Influenza	6	0.0	15.2	*	0.0	20.7	*	0.0	25.2	*
Chronic Obstructive Pulmonary Disease	1	0.0	10.4	*	0.0	15.9	*	0.0	21.3	*
Transient Cerebral Ischemia	3	0.0	1.5	*	0.0	3.2	*	0.0	4.9	*
Stroke	1	0.0	16.9	*	0.0	22.2	*	0.0	26.5	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	0.3	*	0.0	0.7	*	0.0	1.2	*
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	120	2.5	8.4	3.9	6.7	13.8	4.9	11.7	18.5	5.1
CONDITIONS:										
Acute Myocardial Infarction	1	100.0	61.4	*	100.0	71.5	*	100.0	76.5	*
Congestive Heart Failure	5	20.0	22.2	*	40.0	33.9	*	60.0	43.2	*
Pneumonia/Influenza	17	0.0	16.0	*	11.8	22.2	*	11.8	27.3	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	3	0.0	3.0	*	0.0	7.1	*	0.0	11.5	*
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

TIOGA MEDICAL CENTER

810 N Welo St
Tioga, ND 58852

Medicare Provider Number: 350034

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	198	6.1	7.3	2.1	7.6	11.5	2.9	9.1	15.2	3.7
CONDITIONS:										
Acute Myocardial Infarction	4	75.0	35.4	*	75.0	40.4	*	75.0	44.6	*
Congestive Heart Failure	13	7.7	14.5	*	7.7	22.4	*	7.7	29.2	*
Pneumonia/Influenza	15	0.0	13.8	*	6.7	18.5	*	6.7	22.7	*
Chronic Obstructive Pulmonary Disease	11	0.0	6.9	*	0.0	14.9	*	9.1	22.0	*
Transient Cerebral Ischemia	4	0.0	1.1	*	0.0	2.3	*	0.0	3.8	*
Stroke	4	25.0	27.7	*	25.0	36.4	*	25.0	41.8	*
Hip Fracture	1	0.0	5.8	*	0.0	9.9	*	0.0	13.1	*
Sepsis	2	50.0	16.1	*	50.0	23.2	*	50.0	27.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	0.6	*	0.0	1.4	*	0.0	2.4	*
Cholecystectomy	1	0.0	1.6	*	0.0	2.2	*	0.0	2.8	*
Hysterectomy	2	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	29
Occupancy Rate	24
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	2
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	9
Licensed Practical Nurses	9

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

TIOGA MEDICAL CENTER

Medicare Provider Number: 350034

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	207	7.7	7.9	2.0	10.1	11.8	2.5	11.6	15.0	2.9
CONDITIONS:										
Acute Myocardial Infarction	4	75.0	34.0	*	75.0	36.8	*	75.0	39.9	*
Congestive Heart Failure	9	11.1	16.6	*	11.1	25.2	*	11.1	32.2	*
Pneumonia/Influenza	14	14.3	17.3	*	14.3	23.5	*	21.4	28.5	*
Chronic Obstructive Pulmonary Disease	12	0.0	4.7	*	0.0	9.5	*	0.0	13.8	*
Transient Cerebral Ischemia	3	0.0	2.9	*	0.0	6.6	*	0.0	9.8	*
Stroke	5	40.0	21.9	*	60.0	27.9	*	60.0	32.8	*
Hip Fracture	0									
Sepsis	1	0.0	18.2	*	0.0	23.4	*	0.0	28.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	1.3	*	0.0	3.4	*	0.0	5.8	*
Cholecystectomy	5	0.0	2.6	*	0.0	4.1	*	0.0	5.0	*
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	194	4.1	8.0	2.4	6.2	11.9	3.1	8.2	15.3	3.8
CONDITIONS:										
Acute Myocardial Infarction	9	33.3	33.0	*	33.3	36.2	*	33.3	39.6	*
Congestive Heart Failure	9	11.1	19.7	*	22.2	30.0	*	33.3	37.9	*
Pneumonia/Influenza	10	10.0	17.9	*	10.0	24.9	*	20.0	30.2	*
Chronic Obstructive Pulmonary Disease	8	0.0	4.9	*	0.0	10.0	*	12.5	14.8	*
Transient Cerebral Ischemia	5	20.0	2.3	*	20.0	5.4	*	20.0	8.7	*
Stroke	6	16.7	21.2	*	16.7	27.5	*	16.7	32.4	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	5	0.0	0.6	*	0.0	1.2	*	0.0	1.9	*
Cholecystectomy	2	0.0	2.8	*	0.0	5.1	*	0.0	6.6	*
Hysterectomy	1	0.0	0.2	*	0.0	0.5	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

TOWNER COUNTY MEMORIAL HOSPITAL

Hwy 281 N
Cando, ND 58324

Medicare Provider Number: 350014

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	81	12.3	11.9	3.7	18.5	17.4	4.4	19.8	21.7	4.8
CONDITIONS:										
Acute Myocardial Infarction	4	50.0	28.4	*	50.0	31.1	*	50.0	34.6	*
Congestive Heart Failure	4	0.0	11.6	*	0.0	19.4	*	0.0	26.4	*
Pneumonia/Influenza	9	44.4	21.9	*	44.4	29.0	*	44.4	34.6	*
Chronic Obstructive Pulmonary Disease	1	0.0	6.3	*	0.0	13.7	*	0.0	21.1	*
Transient Cerebral Ischemia	0									
Stroke	3	33.3	32.2	*	66.7	39.8	*	66.7	45.0	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	32
Occupancy Rate	31
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	6
Percent of Physicians Board Certified Specialists	83
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

TOWNER COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 350014

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	100	7.0	9.8	3.4	11.0	15.4	4.8	14.0	19.7	5.4
CONDITIONS:										
Acute Myocardial Infarction	2	0.0	38.5	*	0.0	46.0	*	0.0	50.9	*
Congestive Heart Failure	9	0.0	14.5	*	0.0	22.7	*	11.1	29.3	*
Pneumonia/Influenza	5	20.0	15.9	*	20.0	21.3	*	20.0	25.7	*
Chronic Obstructive Pulmonary Disease	5	0.0	8.0	*	0.0	16.4	*	0.0	23.4	*
Transient Cerebral Ischemia	0									
Stroke	5	0.0	24.5	*	20.0	30.9	*	20.0	35.9	*
Hip Fracture	0									
Sepsis	1	100.0	27.3	*	100.0	38.0	*	100.0	43.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	91	7.7	11.8	4.7	11.0	17.3	5.2	14.3	21.7	5.8
CONDITIONS:										
Acute Myocardial Infarction	7	14.3	25.5	*	14.3	27.8	*	14.3	30.7	*
Congestive Heart Failure	6	16.7	22.6	*	33.3	33.5	*	50.0	41.9	*
Pneumonia/Influenza	3	33.3	14.9	*	33.3	20.7	*	66.7	25.6	*
Chronic Obstructive Pulmonary Disease	2	0.0	11.7	*	0.0	19.8	*	0.0	26.8	*
Transient Cerebral Ischemia	1	0.0	2.4	*	0.0	5.0	*	0.0	7.8	*
Stroke	3	33.3	37.9	*	66.7	45.9	*	66.7	50.4	*
Hip Fracture	1	0.0	5.2	*	0.0	9.6	*	100.0	12.7	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

TRINITY MEDICAL CENTER

Burdick Expressway at Main St
Minot, ND 58701

Medicare Provider Number: 350043

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,446	6.9	8.6	0.9	10.7	13.5	1.2	13.6	17.4	1.4
CONDITIONS:										
Acute Myocardial Infarction	43	34.9	29.5	*	34.9	33.6	*	39.5	38.0	*
Congestive Heart Failure	53	13.2	16.1	5.6	24.5	25.0	6.1	28.3	32.3	7.5
Pneumonia/Influenza	34	11.8	18.5	*	20.6	25.3	*	20.6	30.4	*
Chronic Obstructive Pulmonary Disease	29	6.9	6.9	*	10.3	12.2	*	17.2	17.0	*
Transient Cerebral Ischemia	21	0.0	1.6	*	4.8	3.7	*	14.3	5.9	*
Stroke	39	15.4	23.5	*	25.6	31.7	*	25.6	37.1	*
Hip Fracture	40	0.0	6.2	*	0.0	11.6	*	2.5	15.4	*
Sepsis	19	10.5	28.5	*	15.8	36.1	*	26.3	42.6	*
PROCEDURES:										
Angioplasty	2	0.0	1.4	*	0.0	2.2	*	0.0	3.3	*
Coronary Artery Bypass Graft	5	0.0	4.6	*	0.0	6.2	*	0.0	7.3	*
Initial Pacemaker Insertion	11	0.0	3.0	*	0.0	6.4	*	0.0	10.0	*
Carotid Endarterectomy	2	0.0	1.3	*	0.0	2.4	*	0.0	3.6	*
Hip Replacement/Reconstruction	42	0.0	2.5	*	0.0	4.9	*	0.0	6.7	*
Open Reduction of Hip Fracture	19	0.0	6.5	*	0.0	12.3	*	0.0	16.3	*
Prostatectomy	116	0.0	1.2	1.3	1.7	2.9	2.0	2.6	5.0	3.2
Cholecystectomy	18	0.0	1.4	*	0.0	2.4	*	0.0	3.2	*
Hysterectomy	19	0.0	1.2	*	0.0	2.4	*	0.0	3.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	551
Occupancy Rate	73
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	83
Percent of Physicians Board Certified Specialists	84
Medical Residents/Interns	0
Registered Nurses	121
Licensed Practical Nurses	47

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

TRINITY MEDICAL CENTER

Medicare Provider Number: 350043

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,558	7.1	8.9	0.9	11.5	14.1	1.2	14.8	18.2	1.4
CONDITIONS:										
Acute Myocardial Infarction	38	42.1	31.5	*	42.1	36.0	*	44.7	40.3	*
Congestive Heart Failure	53	18.9	18.4	5.3	32.1	27.7	7.8	43.4	34.9	11.1
Pneumonia/Influenza	43	25.6	21.5	*	27.9	28.8	*	34.9	34.2	*
Chronic Obstructive Pulmonary Disease	19	0.0	4.6	*	5.3	9.1	*	5.3	13.4	*
Transient Cerebral Ischemia	23	0.0	1.8	*	0.0	4.1	*	0.0	6.6	*
Stroke	40	10.0	20.9	*	25.0	27.4	*	27.5	32.0	*
Hip Fracture	42	4.8	7.9	*	9.5	14.7	*	9.5	19.0	*
Sepsis	16	25.0	33.2	*	37.5	42.3	*	43.8	49.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	2	0.0	5.5	*	0.0	7.3	*	0.0	8.6	*
Initial Pacemaker Insertion	19	0.0	7.2	*	0.0	10.6	*	0.0	14.1	*
Carotid Endarterectomy	6	0.0	1.6	*	0.0	2.8	*	0.0	4.1	*
Hip Replacement/Reconstruction	44	2.3	4.0	*	6.8	8.0	*	6.8	10.9	*
Open Reduction of Hip Fracture	15	6.7	8.2	*	6.7	15.6	*	6.7	20.4	*
Prostatectomy	127	1.6	1.4	1.1	3.9	3.1	1.8	6.3	5.0	2.5
Cholecystectomy	21	0.0	1.6	*	0.0	2.7	*	0.0	3.6	*
Hysterectomy	18	0.0	0.8	*	0.0	1.7	*	5.6	2.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,559	6.6	8.0	0.8	10.3	12.7	1.1	13.3	16.5	1.3
CONDITIONS:										
Acute Myocardial Infarction	36	25.0	25.4	*	27.8	28.9	*	30.6	32.6	*
Congestive Heart Failure	71	14.1	17.1	4.7	18.3	26.0	6.6	23.9	33.4	7.8
Pneumonia/Influenza	52	13.5	20.0	8.5	19.2	27.5	10.5	23.1	33.1	12.0
Chronic Obstructive Pulmonary Disease	16	6.3	8.7	*	18.8	17.0	*	25.0	24.0	*
Transient Cerebral Ischemia	28	0.0	2.2	*	0.0	4.7	*	7.1	7.3	*
Stroke	48	27.1	21.8	*	29.2	28.8	*	31.3	33.6	*
Hip Fracture	43	4.7	7.6	*	4.7	13.6	*	9.3	17.5	*
Sepsis	15	26.7	18.4	*	40.0	25.5	*	40.0	31.2	*
PROCEDURES:										
Angioplasty	3	0.0	7.1	*	0.0	8.0	*	0.0	9.3	*
Coronary Artery Bypass Graft	3	0.0	5.4	*	0.0	7.3	*	0.0	8.3	*
Initial Pacemaker Insertion	13	7.7	4.9	*	7.7	10.3	*	7.7	15.1	*
Carotid Endarterectomy	7	0.0	1.8	*	0.0	3.3	*	0.0	4.9	*
Hip Replacement/Reconstruction	46	4.3	3.1	*	4.3	5.8	*	6.5	7.7	*
Open Reduction of Hip Fracture	22	0.0	6.8	*	0.0	12.8	*	4.5	16.9	*
Prostatectomy	80	1.2	1.5	1.4	1.2	3.5	2.5	3.8	5.8	2.9
Cholecystectomy	31	0.0	3.9	*	3.2	6.7	*	6.5	8.3	*
Hysterectomy	13	7.7	4.5	*	7.7	6.9	*	7.7	9.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

TURTLE LAKE COMMUNITY MEMORIAL HOSPITAL

220 Fifth Ave
Turtle Lake, ND 58575

Medicare Provider Number: 350050

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	100	9.0	11.3	5.4	12.0	16.1	6.2	14.0	20.1	6.6
CONDITIONS:										
Acute Myocardial Infarction	2	0.0	28.1	*	0.0	31.4	*	0.0	35.3	*
Congestive Heart Failure	7	14.3	12.0	*	14.3	19.1	*	14.3	25.5	*
Pneumonia/Influenza	10	30.0	40.8	*	40.0	52.0	*	40.0	58.0	*
Chronic Obstructive Pulmonary Disease	1	0.0	2.3	*	0.0	4.3	*	0.0	6.2	*
Transient Cerebral Ischemia	5	0.0	2.0	*	0.0	4.5	*	0.0	7.1	*
Stroke	2	0.0	21.3	*	0.0	28.1	*	0.0	33.2	*
Hip Fracture	0									
Sepsis	1	0.0	19.1	*	0.0	22.9	*	0.0	27.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	28
Occupancy Rate	57
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	2
Percent of Physicians Board Certified Specialists	50
Medical Residents/Interns	0
Registered Nurses	9
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

TURTLE LAKE COMMUNITY MEMORIAL HOSPITAL

Medicare Provider Number: 350050

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	144	0.7	8.2	2.4	2.1	13.3	3.1	4.9	17.2	3.3
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	8	0.0	16.2	*	0.0	23.7	*	0.0	30.1	*
Pneumonia/Influenza	12	0.0	22.4	*	0.0	29.3	*	0.0	34.3	*
Chronic Obstructive Pulmonary Disease	5	0.0	9.2	*	0.0	18.0	*	20.0	24.8	*
Transient Cerebral Ischemia	3	0.0	2.4	*	0.0	5.4	*	0.0	8.4	*
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	1	0.0	1.7	*	0.0	3.7	*	0.0	5.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	86	1.2	7.5	4.6	5.8	11.7	5.5	7.0	15.5	6.5
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	25.4	*	0.0	28.7	*	0.0	32.4	*
Congestive Heart Failure	1	0.0	22.4	*	0.0	33.9	*	0.0	43.1	*
Pneumonia/Influenza	16	0.0	15.5	*	0.0	21.0	*	6.3	25.7	*
Chronic Obstructive Pulmonary Disease	1	0.0	7.1	*	0.0	12.3	*	0.0	16.6	*
Transient Cerebral Ischemia	0									
Stroke	1	0.0	23.1	*	100.0	29.8	*	100.0	35.0	*
Hip Fracture	1	0.0	3.3	*	0.0	6.4	*	0.0	8.9	*
Sepsis	1	0.0	29.7	*	0.0	34.6	*	0.0	40.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

UNION HOSPITAL

42 6th Avenue SW
Mayville, ND 58257

Medicare Provider Number: 350033

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	205	7.3	8.1	2.1	12.2	12.4	2.3	17.6	16.1	3.1
CONDITIONS:										
Acute Myocardial Infarction	7	0.0	22.4	*	14.3	25.3	*	28.6	28.8	*
Congestive Heart Failure	27	11.1	13.4	*	14.8	21.3	*	29.6	27.9	*
Pneumonia/Influenza	21	14.3	13.2	*	23.8	18.3	*	23.8	22.7	*
Chronic Obstructive Pulmonary Disease	2	0.0	16.4	*	0.0	30.7	*	0.0	41.2	*
Transient Cerebral Ischemia	0									
Stroke	8	50.0	15.8	*	50.0	21.5	*	50.0	25.9	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	5	0.0	0.6	*	0.0	1.1	*	0.0	1.5	*
Hysterectomy	3	0.0	0.6	*	0.0	1.2	*	0.0	1.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	28
Occupancy Rate	39
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	10
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	10
Licensed Practical Nurses	6

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

UNION HOSPITAL

Medicare Provider Number: 350033

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	179	11.2	8.3	2.7	15.1	13.1	3.1	20.7	16.9	3.6
CONDITIONS:										
Acute Myocardial Infarction	4	25.0	33.5	*	25.0	37.2	*	25.0	40.9	*
Congestive Heart Failure	17	23.5	14.4	*	29.4	23.0	*	47.1	29.9	*
Pneumonia/Influenza	6	16.7	15.3	*	33.3	21.7	*	33.3	26.5	*
Chronic Obstructive Pulmonary Disease	3	33.3	9.6	*	33.3	17.3	*	33.3	23.3	*
Transient Cerebral Ischemia	2	0.0	2.8	*	0.0	6.7	*	0.0	11.1	*
Stroke	6	50.0	19.6	*	50.0	26.4	*	50.0	31.2	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	0.7	*	0.0	1.5	*	0.0	2.2	*
Hysterectomy	2	0.0	1.9	*	0.0	4.0	*	0.0	6.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	195	9.2	9.4	2.2	15.4	14.3	2.6	16.9	18.3	2.9
CONDITIONS:										
Acute Myocardial Infarction	9	33.3	32.1	*	33.3	35.1	*	33.3	38.7	*
Congestive Heart Failure	16	6.3	15.5	*	31.3	24.2	*	31.3	31.1	*
Pneumonia/Influenza	11	0.0	12.1	*	9.1	16.6	*	9.1	20.6	*
Chronic Obstructive Pulmonary Disease	4	50.0	8.6	*	50.0	14.2	*	50.0	19.1	*
Transient Cerebral Ischemia	3	0.0	4.3	*	0.0	9.7	*	0.0	15.8	*
Stroke	13	23.1	17.3	*	38.5	23.1	*	38.5	27.9	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	4	0.0	1.1	*	0.0	2.1	*	0.0	2.8	*
Hysterectomy	3	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

UNITED HOSPITAL

1200 S Columbia Rd
Grand Forks, ND 58206

Medicare Provider Number: 350019

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,226	7.3	7.3	0.8	10.9	11.5	0.8	13.8	14.9	1.1
CONDITIONS:										
Acute Myocardial Infarction	52	40.4	29.4	10.5	46.2	32.8	11.2	48.1	36.3	10.7
Congestive Heart Failure	77	20.8	13.6	7.4	27.3	21.0	7.5	35.1	27.5	8.6
Pneumonia/Influenza	60	21.7	15.9	7.5	23.3	21.7	7.6	23.3	26.3	9.6
Chronic Obstructive Pulmonary Disease	21	14.3	9.0	*	23.8	15.3	*	33.3	20.6	*
Transient Cerebral Ischemia	30	0.0	1.6	*	0.0	3.5	*	6.7	5.7	*
Stroke	62	16.1	16.8	5.9	24.2	23.7	5.9	27.4	28.0	6.3
Hip Fracture	129	5.4	7.0	2.6	10.1	12.4	3.7	13.2	16.1	5.2
Sepsis	12	8.3	23.1	*	8.3	33.2	*	16.7	40.2	*
PROCEDURES:										
Angioplasty	13	7.7	3.4	*	7.7	4.1	*	7.7	5.1	*
Coronary Artery Bypass Graft	46	2.2	3.6	*	4.3	4.9	*	6.5	5.9	*
Initial Pacemaker Insertion	20	0.0	3.2	*	5.0	6.0	*	5.0	8.6	*
Carotid Endarterectomy	11	9.1	1.5	*	9.1	3.1	*	9.1	4.9	*
Hip Replacement/Reconstruction	122	2.5	3.0	1.6	5.7	5.5	2.1	7.4	7.4	2.4
Open Reduction of Hip Fracture	65	1.5	6.5	3.9	4.6	12.1	5.7	4.6	15.9	7.2
Prostatectomy	78	2.6	0.8	1.6	2.6	1.9	1.6	2.6	3.3	2.2
Cholecystectomy	42	2.4	2.6	*	4.8	5.0	*	7.1	6.9	*
Hysterectomy	31	0.0	0.8	*	3.2	1.8	*	3.2	2.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	287
Occupancy Rate	66
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	126
Percent of Physicians Board Certified Specialists	62
Medical Residents/Interns	0
Registered Nurses	331
Licensed Practical Nurses	42

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

UNITED HOSPITAL

Medicare Provider Number: 350019

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,357	8.2	7.8	0.7	11.9	12.1	0.7	15.1	15.5	0.8
CONDITIONS:										
Acute Myocardial Infarction	72	33.3	29.7	7.1	37.5	33.4	7.2	41.7	37.1	7.7
Congestive Heart Failure	83	18.1	16.0	4.3	26.5	24.3	5.1	37.3	31.1	7.9
Pneumonia/Influenza	65	10.8	13.5	5.2	10.8	18.6	7.8	15.4	22.8	8.8
Chronic Obstructive Pulmonary Disease	23	4.3	4.4	*	8.7	8.8	*	8.7	12.9	*
Transient Cerebral Ischemia	31	3.2	1.8	*	6.5	4.0	*	6.5	6.3	*
Stroke	78	33.3	23.3	6.1	35.9	31.1	6.0	42.3	36.1	5.8
Hip Fracture	118	3.4	6.9	3.7	8.5	12.6	4.7	12.7	16.1	4.6
Sepsis	10	20.0	28.8	*	20.0	39.5	*	20.0	46.8	*
PROCEDURES:										
Angioplasty	9	22.2	11.3	*	33.3	12.4	*	33.3	13.8	*
Coronary Artery Bypass Graft	24	0.0	4.0	*	0.0	5.5	*	0.0	6.5	*
Initial Pacemaker Insertion	23	0.0	3.3	*	0.0	6.7	*	0.0	10.1	*
Carotid Endarterectomy	13	0.0	1.4	*	0.0	2.7	*	0.0	3.9	*
Hip Replacement/Reconstruction	130	1.5	2.8	2.0	3.8	5.5	2.7	6.9	7.3	2.8
Open Reduction of Hip Fracture	61	1.6	6.0	5.1	8.2	11.3	6.4	11.5	14.8	6.2
Prostatectomy	83	0.0	0.9	1.3	0.0	2.1	2.4	1.2	3.5	2.8
Cholecystectomy	51	2.0	1.9	2.3	3.9	3.3	2.6	3.9	4.2	3.2
Hysterectomy	36	2.8	0.3	*	2.8	0.6	*	2.8	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,204	8.0	8.0	0.7	12.4	12.4	1.0	14.7	15.9	1.0
CONDITIONS:										
Acute Myocardial Infarction	89	28.1	30.4	5.1	34.8	34.0	5.2	34.8	37.7	5.3
Congestive Heart Failure	69	8.7	14.7	5.8	10.1	22.4	8.0	17.4	29.1	8.9
Pneumonia/Influenza	49	20.4	14.4	*	26.5	19.9	*	30.6	24.5	*
Chronic Obstructive Pulmonary Disease	26	11.5	6.8	*	19.2	12.7	*	19.2	17.7	*
Transient Cerebral Ischemia	46	4.3	1.8	*	8.7	4.1	*	8.7	6.5	*
Stroke	47	25.5	22.1	*	36.2	29.8	*	38.3	34.7	*
Hip Fracture	117	12.8	8.0	4.4	18.8	14.2	4.8	20.5	18.3	4.2
Sepsis	15	20.0	33.2	*	33.3	43.4	*	40.0	50.7	*
PROCEDURES:										
Angioplasty	5	0.0	13.7	*	0.0	15.0	*	0.0	16.5	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	20	10.0	4.4	*	30.0	8.5	*	30.0	12.2	*
Carotid Endarterectomy	7	0.0	1.6	*	0.0	3.2	*	0.0	4.6	*
Hip Replacement/Reconstruction	110	7.3	4.1	3.0	11.8	7.2	3.8	12.7	9.5	4.0
Open Reduction of Hip Fracture	59	8.5	7.2	4.6	15.3	13.4	5.7	18.6	17.6	6.1
Prostatectomy	110	0.0	1.0	1.3	0.0	2.4	2.5	1.8	4.0	2.6
Cholecystectomy	54	0.0	3.0	*	0.0	5.6	*	0.0	7.4	*
Hysterectomy	24	0.0	0.4	*	4.2	0.7	*	4.2	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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The
UNITED
HOSPITAL

Medicare Provider #35-0019

The 1990 Medicare Hospital Mortality Rates report of the 1987-1989 data have been presented in an improved format, substantially enhanced by the supporting technical information.

The United Hospital's summary rate for "all causes" in summary has remained within the predicted ranges for all three years. A statistical analysis was completed and in categories where the mortality was elevated and in-depth review was made. It was determined that a combination of factors, i.e., age and severity of illness account for the variations in Medicare mortality rates reported.

Mortality case review is an on-going part of the medical staff's quality assurance program thus every effort is made to identify any potential questions about quality, early on, so preventive measures may be put in place.

It is important to remember that these data are for the Medicare patients only.

1/14/91

UNITY HOSPITAL

164 W 13th St
Grafton, ND 58237

Medicare Provider Number: 350047

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	158	15.2	15.0	4.0	25.3	20.8	5.6	28.5	25.4	7.1
CONDITIONS:										
Acute Myocardial Infarction	6	50.0	39.4	*	50.0	43.4	*	50.0	47.8	*
Congestive Heart Failure	11	0.0	21.8	*	27.3	30.1	*	36.4	36.8	*
Pneumonia/Influenza	11	9.1	17.7	*	18.2	24.1	*	18.2	28.9	*
Chronic Obstructive Pulmonary Disease	3	33.3	10.6	*	33.3	23.1	*	33.3	33.2	*
Transient Cerebral Ischemia	0									
Stroke	14	14.3	24.2	*	35.7	30.8	*	42.9	35.8	*
Hip Fracture	0									
Sepsis	1	100.0	29.0	*	100.0	33.8	*	100.0	39.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	1.9	*	0.0	2.7	*	0.0	3.4	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	27
Occupancy Rate	41
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	4
Percent of Physicians Board Certified Specialists	75
Medical Residents/Interns	0
Registered Nurses	15
Licensed Practical Nurses	5

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

UNITY HOSPITAL

Medicare Provider Number: 350047

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	186	14.5	16.7	3.6	19.9	22.3	4.9	23.7	27.0	5.6
CONDITIONS:										
Acute Myocardial Infarction	15	46.7	40.0	*	53.3	43.1	*	53.3	47.4	*
Congestive Heart Failure	8	37.5	39.5	*	37.5	45.9	*	50.0	52.4	*
Pneumonia/Influenza	21	23.8	22.1	*	28.6	29.2	*	33.3	34.3	*
Chronic Obstructive Pulmonary Disease	4	0.0	4.4	*	0.0	9.1	*	25.0	13.4	*
Transient Cerebral Ischemia	3	0.0	2.3	*	0.0	4.7	*	0.0	7.0	*
Stroke	23	8.7	24.7	*	13.0	31.4	*	17.4	36.6	*
Hip Fracture	1	0.0	5.6	*	0.0	9.7	*	0.0	13.0	*
Sepsis	1	0.0	25.4	*	0.0	29.7	*	0.0	35.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	202	13.9	16.6	3.2	18.3	21.8	4.1	20.8	25.9	5.0
CONDITIONS:										
Acute Myocardial Infarction	23	39.1	44.7	*	52.2	48.9	*	52.2	53.6	*
Congestive Heart Failure	6	33.3	29.1	*	33.3	39.8	*	33.3	46.5	*
Pneumonia/Influenza	17	17.6	25.2	*	35.3	33.2	*	35.3	38.9	*
Chronic Obstructive Pulmonary Disease	2	0.0	4.3	*	0.0	8.1	*	0.0	11.3	*
Transient Cerebral Ischemia	4	0.0	3.4	*	0.0	8.2	*	0.0	13.6	*
Stroke	17	23.5	22.5	*	29.4	28.3	*	29.4	32.7	*
Hip Fracture	1	0.0	9.7	*	0.0	19.1	*	100.0	25.5	*
Sepsis	1	0.0	16.4	*	0.0	27.7	*	0.0	33.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

WEST RIVER REGIONAL MEDICAL CENTER

Route 2 Box 124
Hettinger, ND 58639

Medicare Provider Number: 350061

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	560	7.7	8.8	1.3	10.9	13.3	1.9	13.4	17.1	2.3
CONDITIONS:										
Acute Myocardial Infarction	19	31.6	26.5	*	42.1	30.8	*	47.4	34.7	*
Congestive Heart Failure	26	7.7	13.5	*	11.5	20.8	*	15.4	27.1	*
Pneumonia/Influenza	47	14.9	18.8	*	23.4	25.3	*	23.4	30.6	*
Chronic Obstructive Pulmonary Disease	9	11.1	6.7	*	22.2	15.2	*	22.2	23.2	*
Transient Cerebral Ischemia	6	0.0	1.8	*	0.0	4.2	*	16.7	6.7	*
Stroke	20	35.0	19.6	*	35.0	24.9	*	35.0	29.4	*
Hip Fracture	7	0.0	8.8	*	0.0	15.2	*	28.6	19.3	*
Sepsis	7	0.0	28.4	*	0.0	35.0	*	0.0	40.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	7.0	*	0.0	12.3	*	25.0	15.8	*
Open Reduction of Hip Fracture	3	0.0	9.3	*	0.0	17.1	*	33.3	22.2	*
Prostatectomy	22	0.0	0.8	*	0.0	2.1	*	0.0	3.6	*
Cholecystectomy	6	0.0	1.1	*	16.7	2.0	*	16.7	2.7	*
Hysterectomy	10	0.0	0.5	*	10.0	0.9	*	10.0	1.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	46
Occupancy Rate	44
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	12
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	27
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

WEST RIVER REGIONAL MEDICAL CENTER

Medicare Provider Number: 350061

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	505	6.1	9.5	1.7	10.3	14.5	2.2	13.7	18.4	2.4
CONDITIONS:										
Acute Myocardial Infarction	15	20.0	26.2	*	33.3	30.0	*	40.0	33.7	*
Congestive Heart Failure	12	16.7	13.6	*	16.7	20.4	*	25.0	26.3	*
Pneumonia/Influenza	40	10.0	20.3	*	15.0	27.3	*	22.5	32.6	*
Chronic Obstructive Pulmonary Disease	6	0.0	9.7	*	0.0	15.9	*	0.0	21.5	*
Transient Cerebral Ischemia	6	0.0	1.7	*	0.0	3.7	*	0.0	5.9	*
Stroke	17	17.6	19.6	*	17.6	25.9	*	17.6	30.7	*
Hip Fracture	12	8.3	7.3	*	8.3	13.4	*	8.3	17.4	*
Sepsis	7	28.6	32.2	*	42.9	43.3	*	42.9	51.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	20.0	7.3	*	20.0	13.5	*	20.0	17.2	*
Open Reduction of Hip Fracture	4	0.0	4.9	*	0.0	10.0	*	0.0	13.7	*
Prostatectomy	17	5.9	0.9	*	5.9	2.4	*	11.8	4.0	*
Cholecystectomy	9	0.0	1.9	*	0.0	3.6	*	0.0	5.1	*
Hysterectomy	11	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	493	7.7	9.9	1.6	10.8	14.7	2.1	14.2	18.7	2.3
CONDITIONS:										
Acute Myocardial Infarction	11	63.6	30.5	*	63.6	34.3	*	63.6	38.3	*
Congestive Heart Failure	21	9.5	17.5	*	14.3	26.8	*	23.8	34.4	*
Pneumonia/Influenza	39	2.6	22.5	*	5.1	29.8	*	15.4	35.1	*
Chronic Obstructive Pulmonary Disease	12	0.0	9.6	*	0.0	17.1	*	8.3	24.1	*
Transient Cerebral Ischemia	10	0.0	2.2	*	0.0	5.0	*	0.0	8.2	*
Stroke	12	25.0	31.1	*	25.0	39.0	*	33.3	44.4	*
Hip Fracture	12	16.7	9.9	*	16.7	16.7	*	16.7	20.4	*
Sepsis	5	60.0	31.8	*	80.0	40.3	*	80.0	47.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	16.1	*	0.0	26.6	*	0.0	31.2	*
Open Reduction of Hip Fracture	7	14.3	4.6	*	14.3	8.5	*	14.3	11.2	*
Prostatectomy	12	0.0	0.8	*	0.0	1.9	*	0.0	3.2	*
Cholecystectomy	4	0.0	0.9	*	0.0	1.7	*	0.0	2.4	*
Hysterectomy	2	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

WISHEK COMMUNITY HOSPITAL

1007 4th Av S
Wishek, ND 58495

Medicare Provider Number: 350051

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	224	10.3	9.8	2.1	13.4	14.7	2.9	17.4	18.9	3.0
CONDITIONS:										
Acute Myocardial Infarction	8	50.0	38.3	*	50.0	42.9	*	50.0	47.1	*
Congestive Heart Failure	11	0.0	16.5	*	0.0	26.0	*	9.1	33.8	*
Pneumonia/Influenza	15	13.3	18.7	*	26.7	25.9	*	26.7	31.2	*
Chronic Obstructive Pulmonary Disease	3	0.0	6.2	*	0.0	11.6	*	0.0	16.6	*
Transient Cerebral Ischemia	5	0.0	1.1	*	0.0	2.2	*	0.0	3.5	*
Stroke	10	60.0	20.2	*	60.0	26.4	*	60.0	31.2	*
Hip Fracture	0									
Sepsis	3	33.3	30.2	*	33.3	37.7	*	33.3	44.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	4	0.0	0.6	*	0.0	1.5	*	0.0	2.6	*
Cholecystectomy	1	0.0	2.0	*	0.0	2.7	*	0.0	3.4	*
Hysterectomy	5	0.0	0.5	*	0.0	1.1	*	0.0	2.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds	24
Occupancy Rate	42
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	2
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	8
Licensed Practical Nurses	6

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

WISHEK COMMUNITY HOSPITAL

Medicare Provider Number: 350051

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	272	4.4	7.7	2.1	7.0	12.6	2.9	11.4	16.8	3.2
CONDITIONS:										
Acute Myocardial Infarction	5	60.0	32.9	*	60.0	36.5	*	60.0	40.5	*
Congestive Heart Failure	10	10.0	19.6	*	10.0	29.5	*	20.0	37.1	*
Pneumonia/Influenza	11	0.0	22.1	*	0.0	29.7	*	9.1	35.3	*
Chronic Obstructive Pulmonary Disease	5	0.0	10.5	*	0.0	20.5	*	20.0	28.2	*
Transient Cerebral Ischemia	12	0.0	2.6	*	8.3	6.0	*	8.3	9.7	*
Stroke	7	28.6	23.7	*	28.6	31.4	*	42.9	37.0	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	1.0	*	0.0	2.3	*	0.0	3.6	*
Cholecystectomy	2	0.0	5.2	*	0.0	10.8	*	0.0	15.3	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	287	7.3	9.3	1.9	10.8	14.4	2.8	11.8	18.5	3.2
CONDITIONS:										
Acute Myocardial Infarction	3	0.0	23.6	*	0.0	26.4	*	0.0	30.2	*
Congestive Heart Failure	11	9.1	17.4	*	18.2	26.9	*	18.2	34.7	*
Pneumonia/Influenza	10	20.0	27.7	*	20.0	36.7	*	30.0	42.9	*
Chronic Obstructive Pulmonary Disease	3	0.0	3.5	*	0.0	6.9	*	0.0	9.8	*
Transient Cerebral Ischemia	9	0.0	1.8	*	0.0	3.8	*	0.0	5.9	*
Stroke	15	20.0	23.3	*	20.0	31.9	*	20.0	37.9	*
Hip Fracture	0									
Sepsis	6	33.3	58.1	*	33.3	66.9	*	50.0	74.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	1.6	*	0.0	4.4	*	0.0	7.8	*
Cholecystectomy	5	0.0	1.4	*	0.0	2.6	*	0.0	3.5	*
Hysterectomy	1	0.0	1.1	*	0.0	1.9	*	0.0	2.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

South Dakota

BAPTIST HOSPITAL

745 East 8th St
Winner, SD 57580

Medicare Provider Number: 430043

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	227	10.6	10.4	2.5	15.4	15.6	2.8	19.4	19.8	3.0
CONDITIONS:										
Acute Myocardial Infarction	14	35.7	31.1	*	35.7	34.1	*	35.7	37.9	*
Congestive Heart Failure	10	20.0	14.3	*	20.0	22.1	*	30.0	28.8	*
Pneumonia/Influenza	21	9.5	18.5	*	28.6	25.8	*	38.1	31.3	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	5	0.0	1.9	*	0.0	4.3	*	20.0	6.9	*
Stroke	11	18.2	20.6	*	27.3	26.6	*	27.3	31.4	*
Hip Fracture	6	0.0	5.9	*	0.0	10.9	*	0.0	14.2	*
Sepsis	1	0.0	27.6	*	0.0	33.5	*	0.0	38.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	100.0	4.3	*	100.0	7.7	*	100.0	10.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	4.5	*	0.0	8.8	*	0.0	11.9	*
Open Reduction of Hip Fracture	2	0.0	3.5	*	0.0	7.0	*	0.0	9.7	*
Prostatectomy	0									
Cholecystectomy	9	11.1	1.9	*	11.1	3.1	*	11.1	4.0	*
Hysterectomy	3	0.0	3.0	*	0.0	6.5	*	33.3	9.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	35
Occupancy Rate	40
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	9
Percent of Physicians Board Certified Specialists	11
Medical Residents/Interns	0
Registered Nurses	16
Licensed Practical Nurses	8

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

BAPTIST HOSPITAL

Medicare Provider Number: 430043

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	273	12.1	10.2	2.4	13.6	15.2	2.6	17.9	19.1	2.8
CONDITIONS:										
Acute Myocardial Infarction	10	30.0	38.6	*	30.0	41.8	*	30.0	45.3	*
Congestive Heart Failure	25	12.0	16.2	*	20.0	24.9	*	28.0	31.8	*
Pneumonia/Influenza	10	20.0	21.6	*	20.0	29.5	*	20.0	34.2	*
Chronic Obstructive Pulmonary Disease	2	0.0	7.7	*	0.0	12.3	*	0.0	16.7	*
Transient Cerebral Ischemia	5	0.0	2.2	*	0.0	5.2	*	0.0	8.5	*
Stroke	11	9.1	22.5	*	18.2	29.3	*	18.2	34.3	*
Hip Fracture	13	7.7	6.5	*	7.7	12.3	*	7.7	16.3	*
Sepsis	1	100.0	14.1	*	100.0	19.0	*	100.0	23.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	5.9	*	0.0	12.5	*	0.0	17.2	*
Open Reduction of Hip Fracture	8	0.0	5.7	*	0.0	11.0	*	0.0	14.6	*
Prostatectomy	0									
Cholecystectomy	6	0.0	1.6	*	0.0	3.2	*	16.7	4.6	*
Hysterectomy	3	0.0	0.7	*	0.0	1.1	*	0.0	1.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	293	8.2	9.1	2.4	12.6	13.9	3.0	16.7	17.7	3.0
CONDITIONS:										
Acute Myocardial Infarction	8	37.5	31.5	*	37.5	35.2	*	50.0	38.9	*
Congestive Heart Failure	20	10.0	13.5	*	20.0	20.7	*	35.0	27.0	*
Pneumonia/Influenza	14	14.3	16.3	*	21.4	22.4	*	28.6	27.4	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	5	0.0	1.8	*	0.0	4.1	*	0.0	6.7	*
Stroke	3	0.0	19.4	*	0.0	25.4	*	0.0	30.1	*
Hip Fracture	11	9.1	12.0	*	9.1	20.5	*	9.1	25.1	*
Sepsis	2	0.0	11.7	*	0.0	16.6	*	0.0	20.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	2.3	*	0.0	4.6	*	0.0	7.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	33.3	7.7	*	33.3	14.5	*	33.3	19.2	*
Open Reduction of Hip Fracture	8	0.0	11.8	*	0.0	20.9	*	0.0	25.8	*
Prostatectomy	0									
Cholecystectomy	12	0.0	2.4	*	0.0	4.5	*	8.3	6.1	*
Hysterectomy	2	0.0	0.8	*	0.0	1.4	*	0.0	1.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

BELLE FOURCHE HEALTH CARE CENTER

2200 13th Avenue
Belle Fourche, SD 57717

Medicare Provider Number: 430009

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	125	12.8	11.6	3.4	17.6	17.1	4.2	21.6	21.0	4.4
CONDITIONS:										
Acute Myocardial Infarction	5	20.0	33.0	*	40.0	37.3	*	40.0	42.4	*
Congestive Heart Failure	7	14.3	14.2	*	14.3	22.2	*	42.9	29.3	*
Pneumonia/Influenza	6	16.7	12.1	*	16.7	16.5	*	16.7	20.4	*
Chronic Obstructive Pulmonary Disease	1	100.0	2.9	*	100.0	5.4	*	100.0	7.7	*
Transient Cerebral Ischemia	2	0.0	2.3	*	0.0	5.6	*	0.0	9.2	*
Stroke	3	33.3	34.7	*	33.3	44.1	*	33.3	49.5	*
Hip Fracture	3	0.0	4.3	*	0.0	9.2	*	33.3	13.4	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	2.8	*	0.0	5.5	*	0.0	8.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	4.6	*	0.0	10.0	*	0.0	14.5	*
Open Reduction of Hip Fracture	0									
Prostatectomy	12	8.3	1.8	*	16.7	4.4	*	16.7	7.0	*
Cholecystectomy	2	0.0	2.9	*	0.0	4.6	*	0.0	5.5	*
Hysterectomy	1	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	128
Occupancy Rate	76
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	4
Percent of Physicians Board Certified Specialists	25
Medical Residents/Interns	0
Registered Nurses	11
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

BELLE FOURCHE HEALTH CARE CENTER

Medicare Provider Number: 430009

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	172	11.0	9.1	2.7	16.9	14.1	4.3	20.3	17.8	5.6
CONDITIONS:										
Acute Myocardial Infarction	2	50.0	45.4	*	50.0	48.9	*	50.0	52.4	*
Congestive Heart Failure	12	16.7	18.7	*	33.3	28.5	*	41.7	35.9	*
Pneumonia/Influenza	10	20.0	18.7	*	20.0	25.0	*	30.0	30.0	*
Chronic Obstructive Pulmonary Disease	1	0.0	8.7	*	0.0	15.9	*	0.0	22.7	*
Transient Cerebral Ischemia	6	0.0	2.1	*	0.0	4.5	*	0.0	7.1	*
Stroke	9	11.1	18.8	*	33.3	24.6	*	33.3	29.3	*
Hip Fracture	9	0.0	4.5	*	11.1	8.4	*	11.1	11.1	*
Sepsis	1	0.0	49.4	*	0.0	54.5	*	0.0	60.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	4.5	*	16.7	8.8	*	16.7	11.7	*
Open Reduction of Hip Fracture	3	0.0	3.2	*	0.0	6.4	*	0.0	8.9	*
Prostatectomy	10	0.0	1.1	*	0.0	2.8	*	0.0	4.6	*
Cholecystectomy	6	16.7	1.9	*	16.7	3.5	*	16.7	4.6	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	239	11.3	9.8	2.2	14.2	14.1	2.5	17.2	17.6	2.8
CONDITIONS:										
Acute Myocardial Infarction	8	50.0	47.4	*	62.5	52.2	*	62.5	56.8	*
Congestive Heart Failure	13	30.8	13.4	*	38.5	20.5	*	38.5	26.9	*
Pneumonia/Influenza	18	11.1	12.7	*	22.2	17.8	*	22.2	22.0	*
Chronic Obstructive Pulmonary Disease	2	0.0	11.9	*	0.0	19.7	*	0.0	25.7	*
Transient Cerebral Ischemia	6	0.0	1.9	*	0.0	4.0	*	0.0	6.4	*
Stroke	10	30.0	17.6	*	30.0	23.3	*	40.0	28.0	*
Hip Fracture	6	0.0	6.4	*	0.0	11.8	*	0.0	15.5	*
Sepsis	4	50.0	41.7	*	50.0	54.1	*	50.0	62.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	2.2	*	0.0	3.8	*	0.0	5.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	11.2	*	0.0	16.7	*	0.0	20.6	*
Open Reduction of Hip Fracture	2	0.0	4.5	*	0.0	8.6	*	0.0	11.4	*
Prostatectomy	8	0.0	1.1	*	0.0	2.6	*	12.5	4.3	*
Cholecystectomy	1	0.0	3.5	*	0.0	5.4	*	0.0	6.6	*
Hysterectomy	1	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

BENNETT COUNTY COMMUNITY HOSPITAL

P O Box 70-D
Martin, SD 57551

Medicare Provider Number: 430076

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	69	14.5	10.8	4.1	26.1	16.7	6.2	29.0	21.5	6.0
CONDITIONS:										
Acute Myocardial Infarction	2	100.0	34.7	*	100.0	37.9	*	100.0	41.3	*
Congestive Heart Failure	7	28.6	20.1	*	57.1	32.4	*	57.1	41.4	*
Pneumonia/Influenza	10	0.0	18.0	*	10.0	25.3	*	20.0	30.6	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	3	0.0	2.2	*	0.0	5.1	*	0.0	8.0	*
Stroke	3	66.7	23.2	*	66.7	32.0	*	66.7	38.1	*
Hip Fracture	0									
Sepsis	1	0.0	13.4	*	0.0	16.4	*	0.0	19.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	68
Occupancy Rate	68
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	1
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	4
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

BENNETT COUNTY COMMUNITY HOSPITAL

Medicare Provider Number: 430076

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	72	20.8	14.3	5.9	29.2	21.2	6.2	31.9	26.6	7.1
CONDITIONS:										
Acute Myocardial Infarction	6	50.0	33.4	*	50.0	37.8	*	50.0	41.5	*
Congestive Heart Failure	7	0.0	20.2	*	42.9	30.1	*	42.9	37.8	*
Pneumonia/Influenza	10	10.0	14.1	*	10.0	19.5	*	20.0	23.5	*
Chronic Obstructive Pulmonary Disease	3	66.7	16.4	*	66.7	28.8	*	66.7	39.0	*
Transient Cerebral Ischemia	2	0.0	1.9	*	0.0	3.9	*	0.0	6.1	*
Stroke	3	100.0	31.4	*	100.0	39.6	*	100.0	45.1	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	92	12.0	13.5	4.5	16.3	19.9	5.6	19.6	24.8	6.5
CONDITIONS:										
Acute Myocardial Infarction	3	33.3	50.5	*	33.3	56.2	*	33.3	59.7	*
Congestive Heart Failure	4	25.0	11.5	*	25.0	18.8	*	25.0	25.2	*
Pneumonia/Influenza	13	7.7	15.1	*	15.4	20.3	*	15.4	24.9	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	2	0.0	3.5	*	0.0	7.1	*	0.0	10.2	*
Stroke	7	14.3	20.6	*	14.3	26.7	*	14.3	31.6	*
Hip Fracture	1	0.0	9.4	*	0.0	18.6	*	0.0	25.3	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

BOWDLE HOSPITAL

9051 West 5th
Bowdle, SD 57428

Medicare Provider Number: 430079

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	156	10.9	11.9	3.0	16.0	17.2	3.2	17.9	21.3	4.5
CONDITIONS:										
Acute Myocardial Infarction	7	28.6	32.4	*	28.6	35.8	*	28.6	40.0	*
Congestive Heart Failure	6	0.0	18.2	*	16.7	27.6	*	16.7	35.5	*
Pneumonia/Influenza	25	8.0	17.5	*	12.0	24.2	*	16.0	29.5	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	2	0.0	1.9	*	0.0	4.2	*	0.0	6.7	*
Stroke	9	22.2	19.3	*	33.3	26.9	*	33.3	31.6	*
Hip Fracture	0									
Sepsis	1	0.0	15.9	*	0.0	21.8	*	0.0	26.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	1.2	*	0.0	2.1	*	0.0	2.7	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	20
Occupancy Rate	45
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	1
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	7
Licensed Practical Nurses	1

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

BOWDLE HOSPITAL

Medicare Provider Number: 430079

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	148	8.8	13.3	4.3	13.5	19.2	4.8	18.9	23.8	5.0
CONDITIONS:										
Acute Myocardial Infarction	10	20.0	35.5	*	20.0	38.6	*	20.0	42.4	*
Congestive Heart Failure	4	25.0	20.3	*	25.0	31.4	*	25.0	39.9	*
Pneumonia/Influenza	27	14.8	20.2	*	29.6	27.6	*	37.0	33.3	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	5	20.0	3.3	*	20.0	8.1	*	20.0	13.6	*
Stroke	10	10.0	24.5	*	10.0	35.0	*	10.0	41.4	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	3	0.0	3.4	*	0.0	6.6	*	0.0	8.8	*
Hysterectomy	1	0.0	0.8	*	0.0	1.3	*	0.0	1.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	70	7.1	9.3	3.9	12.9	14.6	4.5	17.1	18.9	5.0
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	34.6	*	0.0	37.7	*	0.0	42.1	*
Congestive Heart Failure	3	0.0	16.5	*	0.0	25.1	*	0.0	32.6	*
Pneumonia/Influenza	2	50.0	22.1	*	50.0	32.1	*	50.0	39.9	*
Chronic Obstructive Pulmonary Disease	1	0.0	16.2	*	0.0	23.3	*	0.0	28.8	*
Transient Cerebral Ischemia	0									
Stroke	1	100.0	11.3	*	100.0	17.1	*	100.0	20.9	*
Hip Fracture	0									
Sepsis	1	0.0	27.4	*	0.0	39.2	*	0.0	46.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	6.0	*	0.0	10.1	*	0.0	12.3	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

BROOKINGS HOSPITAL

300 22nd Ave
Brookings, SD 57006

Medicare Provider Number: 430008

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	557	12.6	10.9	1.8	16.3	16.0	1.7	19.6	20.0	1.7
CONDITIONS:										
Acute Myocardial Infarction	30	46.7	32.4	*	50.0	36.6	*	53.3	40.8	*
Congestive Heart Failure	31	9.7	15.6	*	9.7	23.8	*	9.7	30.7	*
Pneumonia/Influenza	44	13.6	20.9	*	27.3	28.4	*	31.8	33.8	*
Chronic Obstructive Pulmonary Disease	5	0.0	10.8	*	0.0	19.0	*	20.0	26.3	*
Transient Cerebral Ischemia	5	0.0	1.8	*	0.0	4.2	*	0.0	6.8	*
Stroke	26	30.8	24.0	*	34.6	31.2	*	38.5	36.1	*
Hip Fracture	20	10.0	6.8	*	10.0	12.5	*	15.0	16.4	*
Sepsis	2	0.0	54.7	*	0.0	66.6	*	0.0	74.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	1.8	*	0.0	4.1	*	0.0	7.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	12.5	5.0	*	25.0	9.6	*	25.0	12.8	*
Open Reduction of Hip Fracture	9	0.0	5.8	*	0.0	11.0	*	11.1	14.5	*
Prostatectomy	13	7.7	0.9	*	7.7	2.4	*	7.7	4.2	*
Cholecystectomy	16	6.3	2.6	*	6.3	4.9	*	12.5	6.7	*
Hysterectomy	8	0.0	0.5	*	0.0	1.1	*	0.0	1.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	132
Occupancy Rate	81
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	14
Percent of Physicians Board Certified Specialists	71
Medical Residents/Interns	0
Registered Nurses	39
Licensed Practical Nurses	10

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

BROOKINGS HOSPITAL

Medicare Provider Number: 430008

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	624	7.1	9.8	1.5	10.9	15.2	2.1	16.0	19.4	2.1
CONDITIONS:										
Acute Myocardial Infarction	37	29.7	23.1	*	32.4	26.6	*	37.8	30.1	*
Congestive Heart Failure	37	10.8	20.1	*	18.9	30.4	*	32.4	38.2	*
Pneumonia/Influenza	57	3.5	15.0	6.1	7.0	20.7	7.7	7.0	25.2	8.2
Chronic Obstructive Pulmonary Disease	4	0.0	8.4	*	0.0	14.9	*	0.0	20.8	*
Transient Cerebral Ischemia	13	0.0	2.7	*	0.0	6.1	*	7.7	9.8	*
Stroke	15	6.7	18.3	*	6.7	26.3	*	13.3	31.5	*
Hip Fracture	26	3.8	6.7	*	7.7	13.0	*	23.1	17.3	*
Sepsis	8	12.5	21.1	*	12.5	29.1	*	25.0	35.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	8.0	*	0.0	14.2	*	0.0	19.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	9	0.0	6.3	*	11.1	12.6	*	11.1	17.0	*
Open Reduction of Hip Fracture	8	0.0	6.9	*	0.0	14.5	*	25.0	20.2	*
Prostatectomy	21	0.0	1.8	*	0.0	4.5	*	4.8	7.7	*
Cholecystectomy	17	11.8	8.5	*	17.6	14.0	*	23.5	16.5	*
Hysterectomy	2	0.0	0.6	*	0.0	1.1	*	0.0	1.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	581	11.0	9.2	1.6	13.6	14.1	1.5	16.0	18.0	1.8
CONDITIONS:										
Acute Myocardial Infarction	24	20.8	25.2	*	29.2	28.8	*	33.3	32.1	*
Congestive Heart Failure	30	20.0	17.1	*	26.7	26.6	*	26.7	34.0	*
Pneumonia/Influenza	40	17.5	18.3	*	17.5	24.7	*	17.5	29.9	*
Chronic Obstructive Pulmonary Disease	7	0.0	8.9	*	0.0	15.9	*	14.3	21.5	*
Transient Cerebral Ischemia	10	0.0	2.5	*	0.0	5.4	*	10.0	8.6	*
Stroke	10	20.0	20.4	*	30.0	27.9	*	30.0	32.8	*
Hip Fracture	21	9.5	6.7	*	9.5	12.6	*	9.5	16.7	*
Sepsis	2	0.0	18.9	*	0.0	25.9	*	0.0	31.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	12.5	3.4	*	12.5	7.5	*	12.5	11.2	*
Carotid Endarterectomy	1	0.0	1.7	*	0.0	2.8	*	0.0	4.0	*
Hip Replacement/Reconstruction	7	14.3	5.4	*	14.3	11.3	*	14.3	15.7	*
Open Reduction of Hip Fracture	13	7.7	5.9	*	7.7	11.6	*	7.7	15.6	*
Prostatectomy	8	12.5	1.1	*	12.5	2.9	*	12.5	4.9	*
Cholecystectomy	11	0.0	1.5	*	0.0	3.0	*	0.0	4.1	*
Hysterectomy	6	0.0	0.5	*	0.0	1.0	*	0.0	1.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

CANTON-INWOOD MEMORIAL HOSPITAL

Highway 18 East
Canton, SD 57013

Medicare Provider Number: 430054

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	141	4.3	10.2	3.1	7.1	15.3	3.8	9.2	19.6	4.5
CONDITIONS:										
Acute Myocardial Infarction	3	0.0	43.8	*	33.3	47.8	*	33.3	51.6	*
Congestive Heart Failure	8	12.5	20.0	*	25.0	30.6	*	25.0	38.3	*
Pneumonia/Influenza	16	12.5	21.2	*	18.8	28.2	*	18.8	33.5	*
Chronic Obstructive Pulmonary Disease	2	0.0	3.6	*	0.0	7.2	*	0.0	10.8	*
Transient Cerebral Ischemia	1	0.0	3.4	*	100.0	8.5	*	100.0	13.6	*
Stroke	11	18.2	22.6	*	18.2	29.6	*	27.3	34.7	*
Hip Fracture	1	0.0	4.5	*	0.0	8.6	*	0.0	11.6	*
Sepsis	4	0.0	18.2	*	0.0	24.2	*	0.0	29.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	3	0.0	2.0	*	0.0	3.7	*	0.0	4.9	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	28
Occupancy Rate	29
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	4
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	8
Licensed Practical Nurses	2

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

CANTON-INWOOD MEMORIAL HOSPITAL

Medicare Provider Number: 430054

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	154	3.2	7.6	3.2	5.2	11.9	3.5	7.8	15.7	3.6
CONDITIONS:										
Acute Myocardial Infarction	4	25.0	25.5	*	25.0	28.0	*	50.0	31.2	*
Congestive Heart Failure	6	16.7	27.2	*	16.7	39.1	*	16.7	47.5	*
Pneumonia/Influenza	8	0.0	20.9	*	0.0	28.1	*	12.5	32.8	*
Chronic Obstructive Pulmonary Disease	2	0.0	2.4	*	0.0	4.4	*	0.0	6.1	*
Transient Cerebral Ischemia	5	0.0	2.1	*	0.0	4.4	*	0.0	6.9	*
Stroke	5	0.0	27.6	*	0.0	35.0	*	20.0	40.5	*
Hip Fracture	0									
Sepsis	4	25.0	32.3	*	50.0	47.2	*	50.0	58.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	0.8	*	0.0	1.4	*	0.0	1.9	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	147	6.8	9.6	2.6	9.5	13.9	3.3	10.2	17.7	4.1
CONDITIONS:										
Acute Myocardial Infarction	7	57.1	40.7	*	57.1	44.1	*	57.1	48.6	*
Congestive Heart Failure	7	28.6	22.6	*	57.1	32.0	*	57.1	39.5	*
Pneumonia/Influenza	17	5.9	20.0	*	11.8	26.9	*	11.8	32.1	*
Chronic Obstructive Pulmonary Disease	2	0.0	5.9	*	0.0	11.3	*	0.0	16.0	*
Transient Cerebral Ischemia	3	0.0	1.4	*	0.0	3.0	*	0.0	4.8	*
Stroke	7	14.3	25.0	*	14.3	32.4	*	14.3	37.8	*
Hip Fracture	0									
Sepsis	1	0.0	15.5	*	0.0	20.9	*	0.0	25.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	1.5	*	0.0	2.9	*	0.0	3.9	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

COMMUNITY MEMORIAL HOSPITAL

111 W 10th Ave P O Box 420
Redfield, SD 57469

Medicare Provider Number: 430034

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	167	11.4	13.7	3.6	18.6	20.3	3.8	22.2	25.3	4.3
CONDITIONS:										
Acute Myocardial Infarction	6	50.0	37.5	*	50.0	40.9	*	50.0	44.6	*
Congestive Heart Failure	8	12.5	31.8	*	12.5	45.8	*	12.5	54.6	*
Pneumonia/Influenza	17	23.5	24.0	*	47.1	31.9	*	47.1	37.7	*
Chronic Obstructive Pulmonary Disease	2	0.0	16.3	*	0.0	24.6	*	0.0	30.8	*
Transient Cerebral Ischemia	5	0.0	1.9	*	0.0	4.4	*	0.0	7.3	*
Stroke	10	0.0	20.4	*	0.0	26.6	*	0.0	31.3	*
Hip Fracture	1	100.0	13.4	*	100.0	22.1	*	100.0	27.1	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.7	*	0.0	4.6	*	0.0	8.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	3	0.0	7.5	*	0.0	12.3	*	0.0	16.2	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	44
Occupancy Rate	30
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	8
Percent of Physicians Board Certified Specialists	75
Medical Residents/Interns	0
Registered Nurses	14
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

COMMUNITY MEMORIAL HOSPITAL

Medicare Provider Number: 430034

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	225	9.8	13.1	2.7	15.1	18.1	3.0	16.9	22.4	3.6
CONDITIONS:										
Acute Myocardial Infarction	16	50.0	43.6	*	56.3	46.9	*	56.3	50.9	*
Congestive Heart Failure	14	21.4	21.4	*	21.4	29.8	*	21.4	36.4	*
Pneumonia/Influenza	28	10.7	18.7	*	14.3	24.9	*	17.9	29.6	*
Chronic Obstructive Pulmonary Disease	2	0.0	6.2	*	0.0	12.3	*	0.0	17.9	*
Transient Cerebral Ischemia	8	0.0	2.1	*	12.5	4.8	*	12.5	7.7	*
Stroke	12	25.0	20.8	*	41.7	26.8	*	41.7	31.5	*
Hip Fracture	0									
Sepsis	1	100.0	10.8	*	100.0	12.7	*	100.0	15.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	7.2	*	0.0	12.9	*	0.0	17.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	6	0.0	1.5	*	0.0	2.6	*	0.0	3.3	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	230	11.7	11.9	2.2	15.7	17.1	2.6	17.8	21.5	3.4
CONDITIONS:										
Acute Myocardial Infarction	7	71.4	41.1	*	85.7	46.2	*	85.7	51.3	*
Congestive Heart Failure	7	28.6	17.5	*	42.9	26.3	*	42.9	33.5	*
Pneumonia/Influenza	49	12.2	23.2	*	18.4	30.5	*	20.4	36.4	*
Chronic Obstructive Pulmonary Disease	6	16.7	11.5	*	16.7	20.4	*	33.3	27.6	*
Transient Cerebral Ischemia	7	0.0	1.8	*	0.0	3.8	*	0.0	6.0	*
Stroke	13	30.8	21.8	*	30.8	28.2	*	30.8	33.2	*
Hip Fracture	1	0.0	9.4	*	0.0	14.3	*	0.0	17.7	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	4.2	*	0.0	7.4	*	0.0	9.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	4	25.0	3.6	*	25.0	5.9	*	25.0	7.3	*
Hysterectomy	1	0.0	0.1	*	0.0	0.3	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

COMMUNITY MEMORIAL HOSPITAL

P O Box 280
Wagner, SD 57380

Medicare Provider Number: 430049

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	187	7.0	10.9	3.8	11.2	15.7	4.3	15.0	19.9	4.8
CONDITIONS:										
Acute Myocardial Infarction	6	33.3	38.5	*	33.3	42.2	*	33.3	46.6	*
Congestive Heart Failure	17	11.8	15.8	*	17.6	24.8	*	17.6	32.2	*
Pneumonia/Influenza	30	3.3	16.8	*	3.3	22.8	*	20.0	27.6	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	0.0	0.6	*	0.0	1.2	*	0.0	1.8	*
Stroke	3	33.3	22.3	*	33.3	29.4	*	33.3	34.6	*
Hip Fracture	0									
Sepsis	3	33.3	28.7	*	33.3	33.7	*	33.3	39.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	4	0.0	1.1	*	0.0	2.4	*	0.0	3.8	*
Cholecystectomy	1	0.0	8.7	*	0.0	21.2	*	0.0	35.3	*
Hysterectomy	3	0.0	0.4	*	0.0	1.1	*	0.0	2.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	20
Occupancy Rate	35
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	11
Percent of Physicians Board Certified Specialists	91
Medical Residents/Interns	0
Registered Nurses	7
Licensed Practical Nurses	2

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

COMMUNITY MEMORIAL HOSPITAL

Medicare Provider Number: 430049

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	217	6.9	10.4	2.5	11.5	15.6	3.6	13.8	20.1	3.6
CONDITIONS:										
Acute Myocardial Infarction	9	22.2	37.0	*	22.2	41.5	*	33.3	45.1	*
Congestive Heart Failure	11	0.0	16.0	*	9.1	24.0	*	18.2	30.5	*
Pneumonia/Influenza	27	7.4	18.7	*	11.1	24.8	*	14.8	29.6	*
Chronic Obstructive Pulmonary Disease	6	0.0	4.3	*	0.0	9.2	*	0.0	13.6	*
Transient Cerebral Ischemia	5	0.0	2.0	*	0.0	4.6	*	0.0	7.4	*
Stroke	6	0.0	22.9	*	0.0	29.2	*	0.0	34.2	*
Hip Fracture	0									
Sepsis	2	0.0	18.0	*	0.0	21.8	*	0.0	26.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	1.2	*	0.0	2.8	*	0.0	4.1	*
Cholecystectomy	1	0.0	2.7	*	0.0	4.3	*	0.0	5.4	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	237	7.6	8.3	2.0	10.5	13.0	2.9	12.7	16.9	3.4
CONDITIONS:										
Acute Myocardial Infarction	9	33.3	26.6	*	33.3	30.5	*	33.3	34.2	*
Congestive Heart Failure	6	0.0	19.7	*	16.7	30.5	*	16.7	38.6	*
Pneumonia/Influenza	21	14.3	17.2	*	23.8	24.0	*	28.6	29.5	*
Chronic Obstructive Pulmonary Disease	11	0.0	6.3	*	0.0	13.0	*	0.0	19.1	*
Transient Cerebral Ischemia	4	0.0	2.5	*	25.0	5.4	*	25.0	8.5	*
Stroke	6	16.7	26.0	*	16.7	33.1	*	16.7	38.3	*
Hip Fracture	1	0.0	2.7	*	0.0	5.2	*	0.0	7.1	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	2.5	*	0.0	5.0	*	0.0	6.8	*
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	3	0.0	1.7	*	0.0	3.0	*	0.0	3.8	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

COMMUNITY MEMORIAL HOSPITAL

P O Box 319
Burke, SD 57523

Medicare Provider Number: 430087

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	82	12.2	9.2	6.7	18.3	13.6	6.6	22.0	17.2	6.9
CONDITIONS:										
Acute Myocardial Infarction	4	50.0	24.1	*	50.0	27.5	*	50.0	31.3	*
Congestive Heart Failure	3	0.0	13.8	*	0.0	18.9	*	0.0	24.4	*
Pneumonia/Influenza	21	14.3	11.5	*	14.3	16.1	*	23.8	19.5	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	3	0.0	2.0	*	0.0	4.6	*	0.0	7.4	*
Stroke	5	60.0	28.3	*	80.0	37.6	*	80.0	43.3	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	23
Occupancy Rate	57
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	2
Percent of Physicians Board Certified Specialists	50
Medical Residents/Interns	0
Registered Nurses	8
Licensed Practical Nurses	1

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

COMMUNITY MEMORIAL HOSPITAL

Medicare Provider Number: 430087

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	95	8.4	7.6	2.9	10.5	11.4	3.5	12.6	14.8	4.3
CONDITIONS:										
Acute Myocardial Infarction	3	66.7	29.5	*	66.7	33.8	*	66.7	37.6	*
Congestive Heart Failure	7	14.3	14.2	*	28.6	22.0	*	28.6	28.7	*
Pneumonia/Influenza	9	11.1	15.5	*	11.1	20.8	*	11.1	24.8	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	3	0.0	2.2	*	0.0	5.1	*	0.0	8.2	*
Stroke	7	28.6	20.7	*	42.9	26.8	*	42.9	31.6	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	105	13.3	8.5	4.6	15.2	12.8	4.2	19.0	16.6	4.8
CONDITIONS:										
Acute Myocardial Infarction	4	50.0	27.1	*	50.0	30.7	*	50.0	34.8	*
Congestive Heart Failure	6	83.3	20.5	*	83.3	31.8	*	100.0	40.4	*
Pneumonia/Influenza	16	6.3	17.8	*	6.3	23.3	*	12.5	27.6	*
Chronic Obstructive Pulmonary Disease	3	0.0	6.8	*	33.3	12.2	*	33.3	16.8	*
Transient Cerebral Ischemia	1	0.0	2.6	*	0.0	6.8	*	0.0	11.6	*
Stroke	5	40.0	22.1	*	40.0	28.4	*	40.0	33.3	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

COTEAU DES PRAIRIES HOSPITAL

205 Orchard Dr
Sisseton, SD 57262

Medicare Provider Number: 430064

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	151	11.3	11.8	4.0	18.5	17.2	3.7	21.9	21.5	3.6
CONDITIONS:										
Acute Myocardial Infarction	13	69.2	36.6	*	69.2	40.6	*	69.2	44.8	*
Congestive Heart Failure	6	0.0	15.2	*	16.7	23.4	*	33.3	30.4	*
Pneumonia/Influenza	8	0.0	20.6	*	0.0	28.4	*	0.0	33.5	*
Chronic Obstructive Pulmonary Disease	2	0.0	4.4	*	0.0	10.9	*	0.0	18.0	*
Transient Cerebral Ischemia	1	0.0	1.8	*	0.0	4.1	*	0.0	6.6	*
Stroke	8	12.5	18.5	*	37.5	24.7	*	37.5	29.2	*
Hip Fracture	3	0.0	11.1	*	0.0	21.5	*	0.0	29.0	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	8.1	*	0.0	17.4	*	0.0	25.3	*
Open Reduction of Hip Fracture	2	0.0	10.7	*	0.0	21.1	*	0.0	28.4	*
Prostatectomy	0									
Cholecystectomy	2	0.0	1.6	*	0.0	2.6	*	0.0	3.1	*
Hysterectomy	3	0.0	0.7	*	0.0	1.7	*	33.3	2.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	31
Occupancy Rate	19
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	9
Percent of Physicians Board Certified Specialists	89
Medical Residents/Interns	0
Registered Nurses	17
Licensed Practical Nurses	0

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

COTEAU DES PRAIRIES HOSPITAL

Medicare Provider Number: 430064

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	205	11.7	11.9	2.3	15.1	17.9	3.0	17.6	22.4	3.7
CONDITIONS:										
Acute Myocardial Infarction	9	44.4	33.1	*	44.4	37.1	*	44.4	40.5	*
Congestive Heart Failure	11	18.2	17.4	*	18.2	26.3	*	18.2	33.5	*
Pneumonia/Influenza	18	5.6	18.4	*	16.7	24.7	*	16.7	29.1	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	9	0.0	2.5	*	0.0	5.4	*	11.1	8.3	*
Stroke	8	50.0	33.3	*	62.5	41.8	*	75.0	48.0	*
Hip Fracture	10	10.0	9.9	*	10.0	18.4	*	10.0	23.9	*
Sepsis	1	0.0	24.5	*	0.0	36.3	*	100.0	43.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.9	*	0.0	3.8	*	0.0	5.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	7.8	*	0.0	15.7	*	0.0	20.9	*
Open Reduction of Hip Fracture	6	16.7	8.1	*	16.7	16.2	*	16.7	22.0	*
Prostatectomy	0									
Cholecystectomy	3	0.0	5.1	*	0.0	10.0	*	0.0	12.9	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	196	6.1	9.7	2.5	9.2	14.5	3.2	11.2	18.6	3.9
CONDITIONS:										
Acute Myocardial Infarction	10	30.0	29.9	*	30.0	33.6	*	30.0	37.7	*
Congestive Heart Failure	17	23.5	22.0	*	23.5	33.1	*	29.4	41.3	*
Pneumonia/Influenza	15	0.0	13.7	*	0.0	18.7	*	0.0	23.0	*
Chronic Obstructive Pulmonary Disease	6	0.0	5.6	*	0.0	11.3	*	0.0	16.8	*
Transient Cerebral Ischemia	10	0.0	3.5	*	10.0	8.1	*	10.0	12.7	*
Stroke	2	0.0	16.0	*	50.0	20.6	*	50.0	24.8	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.5	*	0.0	3.2	*	0.0	5.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	100.0	1.8	*	100.0	3.0	*	100.0	3.8	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

CUSTER COMMUNITY HOSPITAL

1039 Montgomery St
Custer, SD 57730

Medicare Provider Number: 430051

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	126	14.3	11.2	3.8	16.7	16.0	3.3	20.6	19.8	3.7
CONDITIONS:										
Acute Myocardial Infarction	6	50.0	32.8	*	50.0	36.1	*	50.0	40.2	*
Congestive Heart Failure	11	18.2	15.3	*	18.2	23.9	*	36.4	31.0	*
Pneumonia/Influenza	12	25.0	19.2	*	25.0	26.3	*	25.0	31.5	*
Chronic Obstructive Pulmonary Disease	1	0.0	2.6	*	0.0	4.6	*	0.0	6.5	*
Transient Cerebral Ischemia	1	0.0	3.2	*	0.0	8.0	*	0.0	12.9	*
Stroke	2	50.0	27.7	*	50.0	35.6	*	50.0	40.9	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	4	0.0	0.6	*	0.0	1.4	*	0.0	2.3	*
Cholecystectomy	2	0.0	1.2	*	0.0	1.8	*	0.0	2.2	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	11
Occupancy Rate	36
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	4
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	8
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

CUSTER COMMUNITY HOSPITAL

Medicare Provider Number: 430051

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	117	10.3	8.8	2.9	15.4	13.4	4.4	16.2	17.1	4.0
CONDITIONS:										
Acute Myocardial Infarction	2	0.0	27.5	*	0.0	30.0	*	0.0	33.1	*
Congestive Heart Failure	5	0.0	13.5	*	0.0	20.7	*	0.0	26.9	*
Pneumonia/Influenza	11	9.1	16.5	*	9.1	22.6	*	9.1	27.4	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	5	60.0	20.8	*	60.0	27.9	*	60.0	33.2	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	3	0.0	0.6	*	0.0	1.3	*	0.0	2.1	*
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	96	13.5	8.2	4.9	17.7	12.8	5.8	21.9	16.8	6.9
CONDITIONS:										
Acute Myocardial Infarction	5	20.0	17.6	*	20.0	20.1	*	20.0	22.9	*
Congestive Heart Failure	2	0.0	22.7	*	0.0	33.4	*	0.0	40.9	*
Pneumonia/Influenza	14	21.4	13.5	*	28.6	19.0	*	42.9	23.5	*
Chronic Obstructive Pulmonary Disease	4	25.0	6.8	*	25.0	12.3	*	25.0	17.0	*
Transient Cerebral Ischemia	1	0.0	6.2	*	0.0	15.0	*	100.0	24.7	*
Stroke	2	0.0	15.0	*	0.0	19.8	*	0.0	24.0	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

DAKOTA HOSPITAL

Box 316
Vermillion, SD 57069

Medicare Provider Number: 430029

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	203	7.4	7.4	2.0	11.3	11.5	2.5	14.3	15.0	2.7
CONDITIONS:										
Acute Myocardial Infarction	5	20.0	29.6	*	20.0	34.0	*	20.0	38.8	*
Congestive Heart Failure	11	18.2	13.2	*	18.2	20.7	*	36.4	27.2	*
Pneumonia/Influenza	24	4.2	12.8	*	12.5	17.4	*	12.5	21.5	*
Chronic Obstructive Pulmonary Disease	1	0.0	4.8	*	0.0	9.2	*	0.0	13.7	*
Transient Cerebral Ischemia	4	0.0	1.5	*	0.0	3.4	*	25.0	5.5	*
Stroke	6	16.7	24.9	*	16.7	31.6	*	33.3	36.8	*
Hip Fracture	0									
Sepsis	4	25.0	28.6	*	25.0	41.9	*	25.0	50.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	3	0.0	1.2	*	0.0	3.0	*	0.0	5.0	*
Cholecystectomy	1	0.0	0.7	*	0.0	1.2	*	0.0	1.7	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	25
Occupancy Rate	36
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	9
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	17
Licensed Practical Nurses	1

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

DAKOTA HOSPITAL

Medicare Provider Number: 430029

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	198	7.6	9.7	3.4	11.1	14.5	3.9	15.7	18.4	3.9
CONDITIONS:										
Acute Myocardial Infarction	5	40.0	27.7	*	40.0	34.2	*	40.0	40.0	*
Congestive Heart Failure	10	20.0	21.8	*	30.0	33.5	*	40.0	41.9	*
Pneumonia/Influenza	14	7.1	18.6	*	14.3	25.4	*	14.3	30.5	*
Chronic Obstructive Pulmonary Disease	4	0.0	6.1	*	0.0	12.1	*	25.0	17.8	*
Transient Cerebral Ischemia	2	0.0	1.8	*	0.0	3.5	*	0.0	5.4	*
Stroke	4	0.0	20.3	*	0.0	26.4	*	0.0	31.2	*
Hip Fracture	0									
Sepsis	2	0.0	48.7	*	0.0	53.6	*	0.0	58.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	0.8	*	0.0	1.7	*	0.0	2.5	*
Cholecystectomy	4	0.0	0.8	*	0.0	1.6	*	0.0	2.3	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	230	5.7	9.5	3.0	10.9	14.8	3.8	14.8	19.0	4.1
CONDITIONS:										
Acute Myocardial Infarction	2	0.0	32.4	*	0.0	35.6	*	0.0	40.0	*
Congestive Heart Failure	11	18.2	17.7	*	18.2	27.6	*	27.3	35.2	*
Pneumonia/Influenza	36	8.3	15.2	*	11.1	21.0	*	13.9	25.7	*
Chronic Obstructive Pulmonary Disease	5	0.0	10.4	*	0.0	17.0	*	0.0	23.1	*
Transient Cerebral Ischemia	2	0.0	1.6	*	0.0	3.5	*	0.0	5.6	*
Stroke	9	22.2	20.4	*	22.2	26.5	*	22.2	31.6	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	5	0.0	1.7	*	0.0	4.5	*	0.0	7.9	*
Cholecystectomy	1	0.0	0.8	*	0.0	1.3	*	0.0	1.8	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

DELL RAPIDS COMMUNITY HOSPITAL

909 N Iowa
Dell Rapids, SD 57022

Medicare Provider Number: 430023

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	197	14.7	11.5	4.2	20.8	17.2	5.0	25.4	21.7	5.5
CONDITIONS:										
Acute Myocardial Infarction	14	42.9	34.1	*	42.9	38.3	*	50.0	42.3	*
Congestive Heart Failure	11	9.1	18.0	*	27.3	28.1	*	27.3	36.2	*
Pneumonia/Influenza	11	54.5	19.1	*	63.6	26.0	*	63.6	31.4	*
Chronic Obstructive Pulmonary Disease	1	0.0	8.5	*	0.0	21.1	*	0.0	34.1	*
Transient Cerebral Ischemia	6	0.0	2.6	*	0.0	6.0	*	0.0	9.9	*
Stroke	4	75.0	19.0	*	75.0	24.6	*	100.0	29.1	*
Hip Fracture	2	0.0	10.2	*	0.0	20.7	*	0.0	28.5	*
Sepsis	4	25.0	34.8	*	25.0	46.0	*	75.0	52.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	21.8	*	0.0	40.1	*	0.0	49.8	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	14	0.0	2.1	*	0.0	3.5	*	0.0	4.4	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	29
Occupancy Rate	31
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	3
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	12
Licensed Practical Nurses	8

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

DELL RAPIDS COMMUNITY HOSPITAL

Medicare Provider Number: 430023

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	249	11.2	9.4	3.2	16.5	14.5	3.5	19.7	18.7	3.1
CONDITIONS:										
Acute Myocardial Infarction	6	66.7	34.9	*	66.7	38.9	*	66.7	43.2	*
Congestive Heart Failure	13	15.4	14.1	*	23.1	21.4	*	38.5	27.7	*
Pneumonia/Influenza	10	20.0	17.8	*	30.0	23.9	*	30.0	28.9	*
Chronic Obstructive Pulmonary Disease	3	0.0	7.0	*	0.0	12.2	*	0.0	16.3	*
Transient Cerebral Ischemia	4	0.0	2.4	*	0.0	5.3	*	0.0	8.5	*
Stroke	10	20.0	21.1	*	30.0	27.2	*	40.0	32.1	*
Hip Fracture	2	0.0	6.9	*	50.0	12.3	*	50.0	15.5	*
Sepsis	4	50.0	37.2	*	50.0	42.9	*	50.0	47.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	4	0.0	2.4	*	0.0	5.3	*	0.0	8.3	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	220	9.5	10.1	2.2	11.8	15.1	3.0	14.5	19.1	3.7
CONDITIONS:										
Acute Myocardial Infarction	11	45.5	34.6	*	54.5	40.1	*	54.5	44.2	*
Congestive Heart Failure	7	42.9	18.9	*	42.9	28.8	*	57.1	36.8	*
Pneumonia/Influenza	13	30.8	15.2	*	30.8	20.6	*	30.8	25.1	*
Chronic Obstructive Pulmonary Disease	2	0.0	6.3	*	0.0	11.9	*	0.0	16.9	*
Transient Cerebral Ischemia	7	14.3	2.8	*	14.3	6.2	*	28.6	9.7	*
Stroke	14	14.3	19.3	*	14.3	25.8	*	14.3	30.5	*
Hip Fracture	2	0.0	4.1	*	0.0	7.7	*	0.0	10.3	*
Sepsis	2	50.0	28.3	*	50.0	33.4	*	50.0	38.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	2.2	*	0.0	4.9	*	0.0	7.3	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	3	0.0	2.2	*	0.0	3.5	*	0.0	4.3	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

DESMET MEMORIAL HOSPITAL

RR 2 Box 28A
Desmet, SD 57231

Medicare Provider Number: 430024

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	88	9.1	10.9	4.2	15.9	15.3	4.1	20.5	19.1	5.7
CONDITIONS:										
Acute Myocardial Infarction	6	16.7	24.9	*	16.7	27.6	*	16.7	30.9	*
Congestive Heart Failure	6	0.0	13.2	*	16.7	20.7	*	33.3	27.2	*
Pneumonia/Influenza	18	16.7	16.8	*	33.3	22.7	*	38.9	27.2	*
Chronic Obstructive Pulmonary Disease	1	0.0	2.8	*	0.0	5.5	*	0.0	8.1	*
Transient Cerebral Ischemia	0									
Stroke	6	0.0	22.4	*	0.0	29.3	*	16.7	34.2	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	17
Occupancy Rate	24
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	2
Percent of Physicians Board Certified Specialists	50
Medical Residents/Interns	0
Registered Nurses	5
Licensed Practical Nurses	1

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

DESMET MEMORIAL HOSPITAL

Medicare Provider Number: 430024

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	117	18.8	13.3	3.6	22.2	19.6	3.8	25.6	24.1	4.0
CONDITIONS:										
Acute Myocardial Infarction	3	66.7	26.1	*	66.7	30.2	*	66.7	33.9	*
Congestive Heart Failure	4	50.0	21.2	*	50.0	31.8	*	50.0	38.7	*
Pneumonia/Influenza	25	12.0	13.5	*	16.0	18.6	*	24.0	22.4	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	3	0.0	1.0	*	0.0	2.1	*	0.0	3.2	*
Stroke	4	50.0	30.7	*	50.0	40.6	*	50.0	46.3	*
Hip Fracture	1	100.0	5.3	*	100.0	10.1	*	100.0	13.4	*
Sepsis	1	0.0	38.6	*	0.0	43.0	*	100.0	47.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	100.0	4.6	*	100.0	9.1	*	100.0	12.4	*
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	138	14.5	11.7	3.1	18.8	17.4	3.3	22.5	22.0	3.9
CONDITIONS:										
Acute Myocardial Infarction	8	25.0	24.4	*	25.0	27.5	*	25.0	31.0	*
Congestive Heart Failure	9	11.1	16.1	*	11.1	24.6	*	33.3	31.4	*
Pneumonia/Influenza	17	5.9	15.3	*	5.9	20.9	*	5.9	25.5	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	3	0.0	2.1	*	0.0	4.8	*	0.0	7.9	*
Stroke	10	40.0	20.1	*	60.0	27.9	*	60.0	32.8	*
Hip Fracture	2	0.0	10.1	*	50.0	20.0	*	50.0	26.6	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	8.2	*	0.0	17.0	*	0.0	23.3	*
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

DEUEL COUNTY MEMORIAL HOSPITAL

701 Third St Box 757
Clear Lake, SD 57226

Medicare Provider Number: 430065

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	40	15.0	10.9	*	17.5	17.0	*	22.5	21.8	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	11	18.2	15.3	*	27.3	24.0	*	27.3	31.2	*
Pneumonia/Influenza	2	0.0	26.0	*	0.0	37.2	*	50.0	45.0	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	1	0.0	11.7	*	0.0	15.4	*	0.0	18.7	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	20
Occupancy Rate	20
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	2
Percent of Physicians Board Certified Specialists	50
Medical Residents/Interns	0
Registered Nurses	7
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

DEUEL COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 430065

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	46	13.0	11.6	*	19.6	16.5	*	21.7	20.5	*
CONDITIONS:										
Acute Myocardial Infarction	3	100.0	37.5	*	100.0	40.6	*	100.0	44.2	*
Congestive Heart Failure	2	0.0	17.3	*	50.0	26.2	*	50.0	33.5	*
Pneumonia/Influenza	10	20.0	16.6	*	20.0	22.6	*	20.0	27.3	*
Chronic Obstructive Pulmonary Disease	1	0.0	9.7	*	0.0	22.7	*	0.0	34.6	*
Transient Cerebral Ischemia	2	0.0	2.2	*	0.0	4.8	*	0.0	7.6	*
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	54	11.1	8.9	5.1	13.0	13.9	5.3	16.7	18.2	5.6
CONDITIONS:										
Acute Myocardial Infarction	2	0.0	30.2	*	50.0	34.0	*	50.0	38.0	*
Congestive Heart Failure	4	0.0	10.1	*	0.0	15.5	*	0.0	20.6	*
Pneumonia/Influenza	5	0.0	12.7	*	0.0	17.2	*	20.0	21.4	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	100.0	1.9	*	100.0	4.9	*	100.0	8.0	*
Stroke	2	50.0	18.2	*	50.0	24.4	*	50.0	29.7	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

DOUGLAS COUNTY MEMORIAL HOSPITAL

Box 26
Armour, SD 57313

Medicare Provider Number: 430039

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	54	9.3	8.3	4.1	9.3	11.9	5.8	11.1	15.0	7.9
CONDITIONS:										
Acute Myocardial Infarction	4	25.0	27.1	*	25.0	29.8	*	25.0	33.2	*
Congestive Heart Failure	1	100.0	15.1	*	100.0	20.7	*	100.0	26.7	*
Pneumonia/Influenza	9	0.0	13.5	*	0.0	19.3	*	0.0	23.8	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	2	0.0	2.0	*	0.0	4.3	*	0.0	7.0	*
Stroke	2	50.0	25.0	*	50.0	33.0	*	50.0	39.1	*
Hip Fracture	2	0.0	3.0	*	0.0	5.9	*	0.0	8.2	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	2.7	*	0.0	5.5	*	0.0	7.7	*
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	9
Occupancy Rate	44
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	3
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	5
Licensed Practical Nurses	0

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

DOUGLAS COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 430039

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	55	12.7	9.1	5.8	18.2	12.8	7.3	20.0	15.8	8.4
CONDITIONS:										
Acute Myocardial Infarction	5	80.0	34.0	*	80.0	38.3	*	80.0	41.7	*
Congestive Heart Failure	3	0.0	9.0	*	0.0	13.9	*	0.0	18.6	*
Pneumonia/Influenza	5	0.0	15.0	*	0.0	20.4	*	20.0	24.6	*
Chronic Obstructive Pulmonary Disease	3	0.0	9.1	*	0.0	15.4	*	0.0	20.2	*
Transient Cerebral Ischemia	1	0.0	2.9	*	0.0	6.2	*	0.0	9.7	*
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	3	0.0	4.6	*	0.0	8.1	*	0.0	9.7	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	40	15.0	11.3	*	22.5	17.1	*	27.5	21.5	*
CONDITIONS:										
Acute Myocardial Infarction	4	50.0	27.1	*	50.0	29.9	*	50.0	33.4	*
Congestive Heart Failure	1	100.0	11.2	*	100.0	17.1	*	100.0	22.7	*
Pneumonia/Influenza	5	20.0	19.9	*	40.0	28.0	*	40.0	33.5	*
Chronic Obstructive Pulmonary Disease	1	0.0	6.2	*	0.0	15.4	*	0.0	24.1	*
Transient Cerebral Ischemia	2	0.0	1.0	*	0.0	2.2	*	0.0	3.4	*
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ESTELLINE COMMUNITY HOSPITAL

Box 210
Estelline, SD 57234

Medicare Provider Number: 430088

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	122	8.2	10.7	3.1	17.2	16.4	3.5	21.3	21.0	3.7
CONDITIONS:										
Acute Myocardial Infarction	4	50.0	29.6	*	50.0	33.3	*	50.0	36.8	*
Congestive Heart Failure	5	20.0	11.7	*	20.0	18.4	*	20.0	24.6	*
Pneumonia/Influenza	22	4.5	17.4	*	18.2	24.2	*	18.2	29.1	*
Chronic Obstructive Pulmonary Disease	2	50.0	9.5	*	100.0	16.9	*	100.0	23.4	*
Transient Cerebral Ischemia	1	0.0	8.8	*	0.0	21.6	*	0.0	33.7	*
Stroke	7	0.0	16.8	*	14.3	23.2	*	14.3	27.8	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	3	0.0	1.8	*	0.0	3.6	*	0.0	4.8	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	16
Occupancy Rate	44
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	2
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	6
Licensed Practical Nurses	1

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ESTELLINE COMMUNITY HOSPITAL

Medicare Provider Number: 430088

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	107	8.4	9.9	3.1	10.3	14.2	4.2	13.1	17.6	4.8
CONDITIONS:										
Acute Myocardial Infarction	7	42.9	30.5	*	42.9	33.1	*	42.9	36.1	*
Congestive Heart Failure	5	20.0	15.5	*	20.0	22.9	*	20.0	29.1	*
Pneumonia/Influenza	16	12.5	19.5	*	12.5	27.1	*	18.8	32.5	*
Chronic Obstructive Pulmonary Disease	1	0.0	8.6	*	0.0	13.0	*	0.0	17.4	*
Transient Cerebral Ischemia	3	0.0	2.1	*	0.0	4.3	*	0.0	6.8	*
Stroke	2	50.0	14.8	*	50.0	20.1	*	50.0	24.1	*
Hip Fracture	0									
Sepsis	4	0.0	16.0	*	0.0	22.8	*	0.0	28.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	1.1	*	0.0	2.3	*	0.0	3.2	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	69	13.0	12.2	4.9	18.8	18.0	5.6	21.7	22.7	5.4
CONDITIONS:										
Acute Myocardial Infarction	3	33.3	29.6	*	33.3	33.0	*	33.3	36.6	*
Congestive Heart Failure	5	0.0	11.2	*	0.0	17.3	*	0.0	23.0	*
Pneumonia/Influenza	10	20.0	19.6	*	30.0	27.5	*	30.0	33.5	*
Chronic Obstructive Pulmonary Disease	2	0.0	4.4	*	0.0	8.1	*	0.0	11.3	*
Transient Cerebral Ischemia	2	0.0	1.9	*	0.0	4.1	*	0.0	6.6	*
Stroke	6	0.0	23.7	*	16.7	31.7	*	16.7	37.1	*
Hip Fracture	0									
Sepsis	4	25.0	18.8	*	50.0	30.5	*	50.0	38.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

EUREKA COMMUNITY HOSPITAL

410 9th St
Eureka, SD 57437

Medicare Provider Number: 430062

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	138	6.5	7.9	2.6	10.9	12.3	3.1	10.9	16.3	3.7
CONDITIONS:										
Acute Myocardial Infarction	4	25.0	32.4	*	25.0	35.6	*	25.0	39.1	*
Congestive Heart Failure	8	0.0	13.4	*	25.0	20.9	*	25.0	27.4	*
Pneumonia/Influenza	9	0.0	14.7	*	0.0	20.1	*	0.0	24.7	*
Chronic Obstructive Pulmonary Disease	2	50.0	5.0	*	50.0	9.5	*	50.0	13.4	*
Transient Cerebral Ischemia	1	0.0	2.6	*	0.0	5.9	*	0.0	9.5	*
Stroke	6	0.0	21.2	*	0.0	28.0	*	0.0	33.3	*
Hip Fracture	1	0.0	12.3	*	0.0	19.4	*	0.0	24.2	*
Sepsis	2	0.0	28.7	*	0.0	32.9	*	0.0	38.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	5	0.0	1.7	*	0.0	3.0	*	0.0	3.9	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	25
Occupancy Rate	24
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	8
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	6
Licensed Practical Nurses	2

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

EUREKA COMMUNITY HOSPITAL

Medicare Provider Number: 430062

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	153	5.2	8.3	2.8	7.2	12.5	3.8	9.8	16.0	4.2
CONDITIONS:										
Acute Myocardial Infarction	6	33.3	32.6	*	33.3	36.4	*	33.3	40.3	*
Congestive Heart Failure	4	25.0	17.4	*	25.0	25.8	*	25.0	32.6	*
Pneumonia/Influenza	12	8.3	18.5	*	8.3	24.4	*	16.7	29.0	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	4	0.0	29.7	*	0.0	35.5	*	0.0	40.3	*
Hip Fracture	0									
Sepsis	1	0.0	35.1	*	0.0	38.6	*	0.0	43.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	1.0	*	0.0	1.9	*	0.0	2.8	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	120	5.0	9.1	4.2	8.3	13.4	4.7	15.0	17.0	4.1
CONDITIONS:										
Acute Myocardial Infarction	4	25.0	41.4	*	25.0	44.6	*	50.0	48.1	*
Congestive Heart Failure	5	20.0	20.5	*	20.0	32.0	*	60.0	41.0	*
Pneumonia/Influenza	9	11.1	25.6	*	11.1	33.8	*	11.1	39.0	*
Chronic Obstructive Pulmonary Disease	1	100.0	20.6	*	100.0	31.6	*	100.0	38.2	*
Transient Cerebral Ischemia	1	0.0	2.0	*	0.0	4.7	*	0.0	7.7	*
Stroke	6	16.7	23.3	*	33.3	30.4	*	33.3	35.8	*
Hip Fracture	1	0.0	2.9	*	0.0	5.8	*	100.0	8.0	*
Sepsis	1	0.0	13.6	*	0.0	17.8	*	0.0	21.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FAULK COUNTY MEMORIAL HOSPITAL

Box 100
Faulkton, SD 57438

Medicare Provider Number: 430025

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	89	6.7	9.5	3.4	14.6	15.0	5.1	16.9	19.7	4.5
CONDITIONS:										
Acute Myocardial Infarction	3	0.0	25.5	*	0.0	28.6	*	0.0	31.8	*
Congestive Heart Failure	8	12.5	17.0	*	25.0	26.3	*	25.0	34.0	*
Pneumonia/Influenza	7	0.0	14.4	*	0.0	20.0	*	14.3	24.2	*
Chronic Obstructive Pulmonary Disease	1	0.0	20.1	*	0.0	33.6	*	100.0	43.0	*
Transient Cerebral Ischemia	2	0.0	1.0	*	0.0	2.1	*	0.0	3.2	*
Stroke	3	33.3	29.9	*	33.3	36.8	*	33.3	41.7	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	32
Occupancy Rate	13
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	1
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	5
Licensed Practical Nurses	2

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

FAULK COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 430025

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	96	8.3	13.3	4.3	10.4	19.5	5.6	13.5	24.5	6.5
CONDITIONS:										
Acute Myocardial Infarction	4	25.0	42.7	*	25.0	46.3	*	25.0	50.7	*
Congestive Heart Failure	5	0.0	15.7	*	0.0	23.7	*	20.0	30.7	*
Pneumonia/Influenza	8	25.0	30.9	*	37.5	40.4	*	37.5	46.7	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	8	25.0	27.8	*	25.0	34.7	*	37.5	39.8	*
Hip Fracture	0									
Sepsis	1	0.0	30.2	*	0.0	35.4	*	0.0	41.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	102	3.9	11.3	4.6	10.8	17.0	5.6	13.7	21.9	5.9
CONDITIONS:										
Acute Myocardial Infarction	8	12.5	37.7	*	12.5	42.4	*	12.5	46.9	*
Congestive Heart Failure	3	0.0	17.2	*	0.0	26.2	*	0.0	34.0	*
Pneumonia/Influenza	8	0.0	15.7	*	0.0	22.1	*	12.5	26.7	*
Chronic Obstructive Pulmonary Disease	3	0.0	9.0	*	0.0	16.7	*	0.0	23.4	*
Transient Cerebral Ischemia	2	0.0	2.4	*	0.0	6.4	*	0.0	11.0	*
Stroke	2	0.0	23.7	*	0.0	28.8	*	0.0	33.3	*
Hip Fracture	0									
Sepsis	4	25.0	27.1	*	25.0	35.4	*	25.0	41.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	1.4	*	0.0	2.9	*	0.0	4.1	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FIVE COUNTIES HOSPITAL

401 6th Ave West
Lemmon, SD 57638

Medicare Provider Number: 430080

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	4	25.0	16.5	*	25.0	22.6	*	50.0	27.2	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	2	0.0	24.8	*	0.0	32.8	*	50.0	38.2	*
Chronic Obstructive Pulmonary Disease	1	0.0	6.1	*	0.0	11.3	*	0.0	16.0	*
Transient Cerebral Ischemia	0									
Stroke	1	100.0	9.8	*	100.0	13.0	*	100.0	16.0	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	52
Occupancy Rate	90
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	4
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	4
Licensed Practical Nurses	1

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

FIVE COUNTIES HOSPITAL

Medicare Provider Number: 430080

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	27	7.4	12.0	*	18.5	19.4	*	29.6	25.5	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	8	0.0	17.0	*	12.5	23.4	*	12.5	28.5	*
Chronic Obstructive Pulmonary Disease	2	0.0	3.7	*	0.0	6.7	*	0.0	9.5	*
Transient Cerebral Ischemia	0									
Stroke	2	0.0	17.7	*	0.0	23.5	*	0.0	28.3	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	61	1.6	6.9	4.2	6.6	10.9	5.6	8.2	14.5	5.7
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	3	0.0	11.6	*	0.0	18.3	*	0.0	24.1	*
Pneumonia/Influenza	6	0.0	14.6	*	16.7	20.4	*	16.7	25.2	*
Chronic Obstructive Pulmonary Disease	2	0.0	10.8	*	0.0	15.8	*	0.0	20.0	*
Transient Cerebral Ischemia	1	0.0	1.1	*	0.0	2.6	*	0.0	4.3	*
Stroke	2	0.0	23.6	*	0.0	28.7	*	0.0	33.5	*
Hip Fracture	2	0.0	3.1	*	0.0	6.0	*	0.0	8.4	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FLANDREAU MUNICIPAL HOSPITAL

214 N Prairie
Flandreau, SD 57028

Medicare Provider Number: 430041

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	69	8.7	8.7	3.4	14.5	14.6	4.3	18.8	19.7	5.2
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	4	50.0	18.1	*	50.0	27.3	*	75.0	35.2	*
Pneumonia/Influenza	7	14.3	14.7	*	14.3	20.5	*	14.3	25.2	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	0.0	3.8	*	0.0	9.5	*	0.0	16.2	*
Stroke	0									
Hip Fracture	1	0.0	3.4	*	0.0	6.5	*	0.0	8.8	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	0.8	*	0.0	1.2	*	0.0	1.7	*
Hysterectomy	1	0.0	0.4	*	0.0	0.7	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	20
Occupancy Rate	10
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	8
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	6
Licensed Practical Nurses	5

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

FLANDREAU MUNICIPAL HOSPITAL

Medicare Provider Number: 430041

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	84	17.9	8.7	5.0	19.0	13.2	4.9	21.4	16.7	4.8
CONDITIONS:										
Acute Myocardial Infarction	4	50.0	38.2	*	50.0	41.9	*	50.0	45.3	*
Congestive Heart Failure	3	100.0	20.5	*	100.0	30.2	*	100.0	38.1	*
Pneumonia/Influenza	5	20.0	11.1	*	20.0	15.0	*	20.0	18.4	*
Chronic Obstructive Pulmonary Disease	1	0.0	6.9	*	0.0	11.8	*	0.0	16.0	*
Transient Cerebral Ischemia	1	0.0	2.3	*	0.0	4.6	*	0.0	7.2	*
Stroke	1	100.0	21.0	*	100.0	28.1	*	100.0	33.7	*
Hip Fracture	4	50.0	5.7	*	50.0	10.6	*	50.0	13.8	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	0.5	*	0.0	1.1	*	0.0	1.5	*
Cholecystectomy	3	0.0	3.0	*	0.0	5.3	*	0.0	6.7	*
Hysterectomy	1	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	107	5.6	8.2	3.8	14.0	13.0	3.4	16.8	17.2	3.7
CONDITIONS:										
Acute Myocardial Infarction	3	33.3	29.1	*	33.3	32.8	*	33.3	36.5	*
Congestive Heart Failure	4	25.0	15.3	*	25.0	24.6	*	25.0	31.8	*
Pneumonia/Influenza	7	0.0	18.4	*	28.6	25.6	*	28.6	31.1	*
Chronic Obstructive Pulmonary Disease	4	25.0	13.0	*	25.0	20.6	*	25.0	25.9	*
Transient Cerebral Ischemia	0									
Stroke	2	50.0	26.7	*	50.0	31.2	*	50.0	35.3	*
Hip Fracture	1	0.0	3.2	*	0.0	6.5	*	0.0	8.9	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	3.0	*	0.0	6.2	*	0.0	8.6	*
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	2.9	*	0.0	7.6	*	0.0	13.5	*
Cholecystectomy	3	0.0	1.3	*	33.3	2.3	*	33.3	3.0	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FREEMAN COMMUNITY HOSPITAL

P O Box 370
Freeman, SD 57029

Medicare Provider Number: 430036

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	155	11.0	12.4	3.2	18.7	18.7	3.6	21.9	23.1	3.6
CONDITIONS:										
Acute Myocardial Infarction	12	50.0	30.9	*	50.0	35.9	*	58.3	39.8	*
Congestive Heart Failure	5	0.0	11.1	*	20.0	17.9	*	20.0	23.9	*
Pneumonia/Influenza	24	8.3	16.8	*	8.3	25.0	*	12.5	30.2	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	0.0	3.0	*	0.0	8.2	*	0.0	14.4	*
Stroke	7	0.0	15.1	*	0.0	21.2	*	0.0	25.3	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	81
Occupancy Rate	77
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	4
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	8
Licensed Practical Nurses	5

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

FREEMAN COMMUNITY HOSPITAL

Medicare Provider Number: 430036

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	177	10.7	11.2	2.7	15.3	16.7	4.5	19.2	20.8	5.0
CONDITIONS:										
Acute Myocardial Infarction	9	11.1	25.2	*	11.1	29.4	*	11.1	33.1	*
Congestive Heart Failure	10	0.0	12.2	*	0.0	18.9	*	10.0	24.9	*
Pneumonia/Influenza	32	15.6	16.5	*	18.8	22.8	*	28.1	27.5	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	3	0.0	1.4	*	0.0	3.0	*	0.0	4.6	*
Stroke	11	36.4	20.3	*	36.4	27.1	*	36.4	32.3	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	0.4	*	0.0	0.9	*	0.0	1.6	*
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	178	10.7	12.8	3.2	14.6	18.8	4.5	18.0	23.5	5.3
CONDITIONS:										
Acute Myocardial Infarction	8	25.0	28.1	*	25.0	31.3	*	25.0	35.2	*
Congestive Heart Failure	8	25.0	19.7	*	37.5	29.6	*	37.5	37.7	*
Pneumonia/Influenza	30	10.0	13.8	*	10.0	18.8	*	16.7	22.9	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	5	0.0	2.5	*	0.0	5.8	*	0.0	9.5	*
Stroke	18	16.7	21.2	*	22.2	28.4	*	22.2	33.7	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

GETTYSBURG MEMORIAL HOSPITAL

606 Garfield
Gettysburg, SD 57442

Medicare Provider Number: 430042

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	101	9.9	10.4	3.4	14.9	15.4	3.6	15.8	19.4	4.7
CONDITIONS:										
Acute Myocardial Infarction	3	100.0	27.2	*	100.0	29.7	*	100.0	32.9	*
Congestive Heart Failure	3	66.7	17.2	*	66.7	26.9	*	66.7	34.9	*
Pneumonia/Influenza	13	7.7	19.9	*	7.7	26.7	*	7.7	32.0	*
Chronic Obstructive Pulmonary Disease	1	0.0	5.2	*	0.0	9.6	*	0.0	14.2	*
Transient Cerebral Ischemia	0									
Stroke	4	25.0	13.0	*	25.0	18.8	*	25.0	22.8	*
Hip Fracture	0									
Sepsis	3	66.7	41.2	*	66.7	49.1	*	66.7	57.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	28
Occupancy Rate	21
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	3
Percent of Physicians Board Certified Specialists	67
Medical Residents/Interns	0
Registered Nurses	4
Licensed Practical Nurses	5

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

GETTYSBURG MEMORIAL HOSPITAL

Medicare Provider Number: 430042

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	121	9.9	12.1	3.2	14.0	18.6	4.4	16.5	23.4	5.5
CONDITIONS:										
Acute Myocardial Infarction	2	0.0	19.4	*	50.0	24.3	*	50.0	28.9	*
Congestive Heart Failure	10	20.0	21.3	*	30.0	33.1	*	40.0	41.4	*
Pneumonia/Influenza	18	5.6	21.1	*	11.1	29.1	*	11.1	34.7	*
Chronic Obstructive Pulmonary Disease	3	0.0	10.0	*	0.0	16.5	*	0.0	21.8	*
Transient Cerebral Ischemia	4	0.0	2.1	*	0.0	4.6	*	0.0	7.2	*
Stroke	3	66.7	17.0	*	66.7	23.4	*	66.7	27.5	*
Hip Fracture	0									
Sepsis	1	100.0	60.0	*	100.0	66.3	*	100.0	72.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	50.0	1.7	*	50.0	3.4	*	50.0	4.7	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	150	6.7	11.4	3.5	8.7	17.6	5.1	14.0	22.8	5.3
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	29	20.7	17.4	*	24.1	25.6	*	27.6	32.6	*
Pneumonia/Influenza	23	4.3	16.3	*	4.3	21.8	*	13.0	26.6	*
Chronic Obstructive Pulmonary Disease	5	0.0	8.2	*	0.0	14.7	*	0.0	19.7	*
Transient Cerebral Ischemia	3	0.0	3.0	*	0.0	6.9	*	0.0	11.4	*
Stroke	0									
Hip Fracture	0									
Sepsis	1	0.0	17.1	*	0.0	24.4	*	0.0	30.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

GREGORY COMMUNITY HOSPITAL

400 Park
Gregory, SD 57533

Medicare Provider Number: 430047

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	171	7.6	11.9	3.6	15.2	18.7	4.8	19.9	24.0	4.3
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	43.6	*	0.0	50.9	*	0.0	59.2	*
Congestive Heart Failure	9	11.1	25.6	*	22.2	38.0	*	44.4	46.0	*
Pneumonia/Influenza	30	6.7	17.2	*	16.7	23.9	*	20.0	29.1	*
Chronic Obstructive Pulmonary Disease	2	0.0	10.6	*	0.0	16.8	*	50.0	21.6	*
Transient Cerebral Ischemia	2	0.0	1.8	*	0.0	4.3	*	0.0	7.1	*
Stroke	3	33.3	23.7	*	66.7	32.5	*	66.7	38.3	*
Hip Fracture	0									
Sepsis	1	0.0	48.3	*	0.0	55.0	*	0.0	62.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	11.2	*	100.0	22.6	*	100.0	31.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	4	0.0	0.6	*	0.0	1.2	*	0.0	2.0	*
Cholecystectomy	3	0.0	1.2	*	0.0	2.0	*	0.0	2.6	*
Hysterectomy	2	0.0	0.5	*	0.0	0.8	*	0.0	1.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	90
Occupancy Rate	74
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	6
Percent of Physicians Board Certified Specialists	83
Medical Residents/Interns	0
Registered Nurses	18
Licensed Practical Nurses	0

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

GREGORY COMMUNITY HOSPITAL

Medicare Provider Number: 430047

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	198	10.6	12.2	2.8	15.7	18.3	4.1	18.7	22.7	5.5
CONDITIONS:										
Acute Myocardial Infarction	8	0.0	31.4	*	0.0	35.1	*	0.0	38.9	*
Congestive Heart Failure	4	0.0	18.4	*	0.0	27.4	*	0.0	34.7	*
Pneumonia/Influenza	25	12.0	18.7	*	20.0	25.8	*	20.0	30.4	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	2	0.0	5.8	*	0.0	14.3	*	0.0	23.1	*
Stroke	7	14.3	32.3	*	14.3	42.0	*	14.3	47.6	*
Hip Fracture	3	0.0	6.8	*	0.0	11.7	*	0.0	14.6	*
Sepsis	1	0.0	15.5	*	100.0	20.4	*	100.0	25.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	5.0	*	0.0	8.9	*	0.0	11.2	*
Open Reduction of Hip Fracture	0									
Prostatectomy	3	0.0	1.6	*	0.0	3.5	*	0.0	5.4	*
Cholecystectomy	8	0.0	2.0	*	0.0	3.2	*	0.0	4.0	*
Hysterectomy	3	0.0	0.9	*	0.0	2.2	*	0.0	3.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	248	6.0	11.0	2.5	10.9	16.7	3.3	13.3	21.2	3.7
CONDITIONS:										
Acute Myocardial Infarction	7	28.6	39.5	*	28.6	43.5	*	28.6	46.9	*
Congestive Heart Failure	10	20.0	13.6	*	30.0	20.9	*	40.0	27.1	*
Pneumonia/Influenza	35	5.7	17.4	*	8.6	23.5	*	11.4	28.4	*
Chronic Obstructive Pulmonary Disease	3	0.0	25.6	*	0.0	32.6	*	0.0	37.8	*
Transient Cerebral Ischemia	2	0.0	1.7	*	0.0	4.0	*	0.0	6.4	*
Stroke	6	16.7	21.9	*	33.3	29.9	*	50.0	35.4	*
Hip Fracture	7	0.0	9.7	*	0.0	17.3	*	0.0	22.0	*
Sepsis	1	0.0	25.2	*	0.0	35.3	*	0.0	43.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	2.6	*	0.0	5.3	*	0.0	7.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	4	0.0	8.6	*	0.0	15.6	*	0.0	20.0	*
Prostatectomy	0									
Cholecystectomy	2	0.0	1.8	*	0.0	3.3	*	0.0	4.2	*
Hysterectomy	3	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HAND COUNTY MEMORIAL HOSPITAL

423 W 2nd Ave
Miller, SD 57362

Medicare Provider Number: 430031

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	162	19.1	13.5	4.4	25.9	20.0	4.8	28.4	25.1	4.5
CONDITIONS:										
Acute Myocardial Infarction	12	25.0	27.4	*	41.7	32.2	*	50.0	36.4	*
Congestive Heart Failure	22	18.2	15.1	*	27.3	23.7	*	27.3	30.9	*
Pneumonia/Influenza	18	33.3	18.2	*	38.9	24.8	*	44.4	30.1	*
Chronic Obstructive Pulmonary Disease	1	0.0	2.4	*	0.0	4.9	*	0.0	7.3	*
Transient Cerebral Ischemia	0									
Stroke	10	30.0	22.6	*	30.0	30.1	*	40.0	35.0	*
Hip Fracture	2	0.0	9.8	*	0.0	19.2	*	50.0	26.4	*
Sepsis	4	25.0	29.7	*	25.0	38.1	*	25.0	45.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	12.9	*	0.0	26.2	*	100.0	36.0	*
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	30
Occupancy Rate	37
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	3
Percent of Physicians Board Certified Specialists	67
Medical Residents/Interns	0
Registered Nurses	14
Licensed Practical Nurses	0

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HAND COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 430031

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	176	11.9	11.7	2.5	14.8	16.9	3.1	21.0	21.3	3.1
CONDITIONS:										
Acute Myocardial Infarction	14	42.9	33.9	*	42.9	39.4	*	42.9	44.3	*
Congestive Heart Failure	21	19.0	20.2	*	23.8	29.9	*	23.8	37.4	*
Pneumonia/Influenza	13	30.8	22.9	*	30.8	29.9	*	53.8	35.0	*
Chronic Obstructive Pulmonary Disease	6	16.7	5.1	*	16.7	10.1	*	16.7	14.7	*
Transient Cerebral Ischemia	4	0.0	1.9	*	0.0	4.4	*	0.0	7.1	*
Stroke	6	33.3	18.4	*	33.3	24.4	*	33.3	29.3	*
Hip Fracture	0									
Sepsis	1	0.0	9.1	*	0.0	12.6	*	0.0	16.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	0.9	*	0.0	2.0	*	0.0	3.2	*
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	182	11.0	10.9	2.5	13.7	16.2	3.0	19.8	20.7	3.3
CONDITIONS:										
Acute Myocardial Infarction	12	25.0	30.3	*	25.0	34.1	*	41.7	38.1	*
Congestive Heart Failure	18	16.7	17.0	*	16.7	25.6	*	16.7	32.7	*
Pneumonia/Influenza	22	18.2	20.1	*	18.2	26.8	*	22.7	32.5	*
Chronic Obstructive Pulmonary Disease	6	16.7	9.9	*	16.7	17.9	*	16.7	24.4	*
Transient Cerebral Ischemia	2	0.0	3.3	*	0.0	7.3	*	0.0	11.0	*
Stroke	9	44.4	19.8	*	44.4	25.9	*	55.6	30.8	*
Hip Fracture	3	0.0	5.2	*	0.0	10.2	*	0.0	13.9	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	4.4	*	0.0	9.2	*	0.0	12.7	*
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HANS P PETERSON MEMORIAL HOSPITAL

Box 790
Philip, SD 57567

Medicare Provider Number: 430056

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	64	7.8	5.8	4.5	12.5	9.0	6.4	14.1	11.9	6.2
CONDITIONS:										
Acute Myocardial Infarction	2	50.0	27.7	*	100.0	35.2	*	100.0	40.1	*
Congestive Heart Failure	6	33.3	10.4	*	33.3	19.0	*	33.3	26.3	*
Pneumonia/Influenza	9	11.1	10.9	*	33.3	15.6	*	33.3	19.5	*
Chronic Obstructive Pulmonary Disease	1	0.0	4.5	*	0.0	8.1	*	0.0	11.7	*
Transient Cerebral Ischemia	1	0.0	1.4	*	0.0	3.4	*	0.0	5.5	*
Stroke	2	50.0	11.5	*	50.0	17.4	*	50.0	21.1	*
Hip Fracture	2	0.0	2.3	*	0.0	5.0	*	0.0	7.2	*
Sepsis	1	0.0	15.1	*	0.0	20.3	*	0.0	24.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	50
Occupancy Rate	72
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	1
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	6
Licensed Practical Nurses	1

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HANS P PETERSON MEMORIAL HOSPITAL

Medicare Provider Number: 430056

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	90	12.2	7.9	5.0	15.6	11.8	4.7	17.8	15.2	4.6
CONDITIONS:										
Acute Myocardial Infarction	3	33.3	34.8	*	33.3	38.3	*	33.3	42.5	*
Congestive Heart Failure	4	25.0	12.6	*	25.0	20.7	*	25.0	27.6	*
Pneumonia/Influenza	24	12.5	12.3	*	12.5	17.9	*	16.7	22.4	*
Chronic Obstructive Pulmonary Disease	1	0.0	2.1	*	0.0	3.7	*	0.0	5.9	*
Transient Cerebral Ischemia	7	0.0	1.6	*	0.0	3.6	*	0.0	5.7	*
Stroke	3	33.3	17.4	*	66.7	24.5	*	66.7	29.5	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	64	4.7	5.8	3.0	10.9	8.9	3.9	18.8	11.5	5.5
CONDITIONS:										
Acute Myocardial Infarction	4	25.0	16.5	*	25.0	19.9	*	50.0	23.1	*
Congestive Heart Failure	0									
Pneumonia/Influenza	11	0.0	10.8	*	0.0	15.3	*	18.2	19.2	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	100.0	1.4	*	100.0	3.2	*	100.0	5.2	*
Stroke	1	0.0	14.5	*	100.0	23.0	*	100.0	27.9	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOLY INFANT HOSPITAL

P O Box 158
Hoven, SD 57450

Medicare Provider Number: 430060

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	36	8.3	12.6	*	11.1	18.0	*	13.9	21.7	*
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	26.5	*	0.0	28.9	*	0.0	31.9	*
Congestive Heart Failure	0									
Pneumonia/Influenza	7	0.0	20.3	*	0.0	26.9	*	0.0	31.4	*
Chronic Obstructive Pulmonary Disease	1	0.0	4.7	*	0.0	8.7	*	0.0	12.5	*
Transient Cerebral Ischemia	0									
Stroke	1	0.0	10.0	*	0.0	15.0	*	0.0	18.6	*
Hip Fracture	0									
Sepsis	2	50.0	27.1	*	50.0	35.5	*	50.0	41.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	30
Occupancy Rate	7
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	21
Percent of Physicians Board Certified Specialists	67
Medical Residents/Interns	0
Registered Nurses	5
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HOLY INFANT HOSPITAL

Medicare Provider Number: 430060

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	49	8.2	10.9	*	8.2	16.4	*	12.2	20.3	*
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	30.7	*	0.0	34.3	*	0.0	39.2	*
Congestive Heart Failure	1	0.0	11.8	*	0.0	16.3	*	0.0	21.4	*
Pneumonia/Influenza	7	28.6	13.0	*	28.6	18.0	*	28.6	21.7	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	1	0.0	16.7	*	0.0	26.5	*	0.0	32.6	*
Hip Fracture	0									
Sepsis	4	25.0	36.4	*	25.0	50.2	*	50.0	57.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	1.0	*	0.0	1.9	*	0.0	2.6	*
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	44	6.8	7.1	*	9.1	10.9	*	9.1	14.3	*
CONDITIONS:										
Acute Myocardial Infarction	2	50.0	45.5	*	100.0	49.9	*	100.0	54.4	*
Congestive Heart Failure	3	33.3	10.8	*	33.3	16.5	*	33.3	21.9	*
Pneumonia/Influenza	2	0.0	13.0	*	0.0	18.2	*	0.0	22.4	*
Chronic Obstructive Pulmonary Disease	2	0.0	7.3	*	0.0	14.4	*	0.0	20.5	*
Transient Cerebral Ischemia	2	0.0	2.0	*	0.0	5.0	*	0.0	8.5	*
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	1.4	*	0.0	3.3	*	0.0	5.1	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HURON REGIONAL MEDICAL CENTER

4th & Iowa SE
Huron, SD 57350

Medicare Provider Number: 430011

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	693	10.2	7.3	1.2	13.9	11.0	1.4	16.2	14.0	1.4
CONDITIONS:										
Acute Myocardial Infarction	40	52.5	28.9	*	55.0	32.6	*	55.0	36.3	*
Congestive Heart Failure	24	8.3	13.5	*	20.8	21.4	*	25.0	27.8	*
Pneumonia/Influenza	34	8.8	13.3	*	14.7	18.9	*	17.6	23.0	*
Chronic Obstructive Pulmonary Disease	5	20.0	4.0	*	20.0	6.9	*	40.0	9.7	*
Transient Cerebral Ischemia	7	14.3	1.5	*	14.3	3.4	*	14.3	5.3	*
Stroke	25	28.0	17.9	*	28.0	24.9	*	28.0	29.4	*
Hip Fracture	15	6.7	5.5	*	6.7	10.8	*	6.7	14.4	*
Sepsis	4	25.0	32.9	*	25.0	44.7	*	50.0	53.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	1.6	*	0.0	3.2	*	0.0	4.7	*
Carotid Endarterectomy	8	0.0	1.6	*	12.5	3.2	*	12.5	4.6	*
Hip Replacement/Reconstruction	3	0.0	1.2	*	0.0	2.9	*	0.0	4.6	*
Open Reduction of Hip Fracture	12	0.0	3.5	*	0.0	7.2	*	0.0	10.0	*
Prostatectomy	32	9.4	0.6	*	9.4	1.6	*	9.4	2.8	*
Cholecystectomy	27	3.7	2.0	*	3.7	3.6	*	3.7	4.9	*
Hysterectomy	11	0.0	0.7	*	0.0	1.6	*	0.0	2.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	98
Occupancy Rate	37
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	22
Percent of Physicians Board Certified Specialists	59
Medical Residents/Interns	0
Registered Nurses	78
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HURON REGIONAL MEDICAL CENTER

Medicare Provider Number: 430011

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	706	8.5	6.8	1.4	12.5	10.7	1.6	15.3	14.0	1.6
CONDITIONS:										
Acute Myocardial Infarction	35	37.1	29.8	*	37.1	33.5	*	40.0	37.2	*
Congestive Heart Failure	13	7.7	15.8	*	7.7	24.4	*	23.1	31.3	*
Pneumonia/Influenza	39	15.4	14.5	*	17.9	20.9	*	17.9	25.9	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	9	0.0	1.7	*	22.2	3.8	*	22.2	6.1	*
Stroke	23	13.0	18.3	*	17.4	24.8	*	17.4	29.6	*
Hip Fracture	21	4.8	4.0	*	4.8	8.0	*	4.8	11.0	*
Sepsis	6	16.7	15.7	*	33.3	19.7	*	33.3	24.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	1.9	*	14.3	3.6	*	14.3	5.5	*
Carotid Endarterectomy	5	0.0	0.9	*	0.0	1.7	*	0.0	2.4	*
Hip Replacement/Reconstruction	2	0.0	2.2	*	0.0	5.1	*	0.0	7.5	*
Open Reduction of Hip Fracture	13	7.7	4.0	*	7.7	8.3	*	7.7	11.6	*
Prostatectomy	39	0.0	0.7	*	0.0	1.7	*	0.0	2.9	*
Cholecystectomy	34	0.0	1.5	*	0.0	3.0	*	0.0	4.3	*
Hysterectomy	17	0.0	0.3	*	5.9	0.6	*	5.9	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	731	9.0	7.8	1.1	13.5	11.8	1.4	17.4	15.1	1.8
CONDITIONS:										
Acute Myocardial Infarction	35	31.4	34.3	*	34.3	38.0	*	40.0	41.5	*
Congestive Heart Failure	17	35.3	15.8	*	41.2	24.3	*	47.1	31.2	*
Pneumonia/Influenza	39	10.3	13.7	*	15.4	19.5	*	17.9	24.1	*
Chronic Obstructive Pulmonary Disease	14	21.4	6.5	*	28.6	10.8	*	28.6	14.4	*
Transient Cerebral Ischemia	12	0.0	2.3	*	0.0	4.7	*	8.3	7.2	*
Stroke	37	18.9	19.6	*	32.4	26.2	*	37.8	30.7	*
Hip Fracture	17	5.9	5.3	*	17.6	10.4	*	29.4	14.2	*
Sepsis	7	14.3	18.8	*	14.3	28.7	*	28.6	35.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	1.4	*	0.0	2.6	*	0.0	3.7	*
Carotid Endarterectomy	3	0.0	1.4	*	0.0	2.8	*	0.0	4.1	*
Hip Replacement/Reconstruction	5	0.0	4.8	*	20.0	10.2	*	40.0	14.7	*
Open Reduction of Hip Fracture	12	8.3	4.6	*	25.0	9.4	*	33.3	13.0	*
Prostatectomy	32	3.1	1.0	*	3.1	2.5	*	3.1	4.2	*
Cholecystectomy	46	4.3	3.9	*	8.7	7.2	*	10.9	9.6	*
Hysterectomy	12	0.0	1.1	*	0.0	2.7	*	8.3	4.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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HRMC
HURON REGIONAL MEDICAL CENTER

Provider Number
43-0011

January 15, 1991

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Below are the comments Huron Regional Medical Center would like to make regarding the Medicare Hospital Mortality Information:

HCFA stated, "The precision and interpretability of our estimates are questionable when there are no deaths or 50 or fewer cases in a particular category being analyzed." In each category above there were fewer than 50 cases; therefore, the significance of this published data is questionable. No meaningful conclusions can be drawn from the information presented.

Publication of information where the public has the opportunity to draw erroneous conclusions jeopardizes the confidence that a community has in a healthcare institution relating to the quality of care. Community support of the local hospital is essential to its existence. A vital function of a sole community hospital is to treat the majority of patients, stabilize and refer others to a larger healthcare center for specialized treatment. Lack of confidence in the local hospital could send patients to distant facilities in times when initiation of care becomes critical to the outcome of the patient.

Sincerely,

Dennis Moriarty
Administrator

smn/VH/DM

172 FOURTH STREET SE • HURON, SOUTH DAKOTA 57350 • (605) 352-6431

KINGSBURY COUNTY MEMORIAL HOSPITAL

4th and Manor Ave
Lake Preston, SD 57249

Medicare Provider Number: 430020

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	82	13.4	11.3	4.4	23.2	17.0	6.9	25.6	21.5	6.3
CONDITIONS:										
Acute Myocardial Infarction	3	66.7	39.0	*	66.7	43.3	*	66.7	48.1	*
Congestive Heart Failure	5	0.0	16.8	*	0.0	25.4	*	20.0	32.5	*
Pneumonia/Influenza	8	25.0	16.5	*	37.5	23.1	*	37.5	27.9	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	0.0	3.0	*	0.0	6.6	*	0.0	10.7	*
Stroke	3	33.3	22.4	*	33.3	30.9	*	33.3	36.4	*
Hip Fracture	4	25.0	6.2	*	50.0	11.9	*	50.0	16.0	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	6.1	*	0.0	13.3	*	0.0	19.1	*
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	6	0.0	1.4	*	0.0	2.3	*	0.0	3.1	*
Hysterectomy	1	100.0	2.0	*	100.0	4.3	*	100.0	6.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1988

Total Beds	21
Ownership/Control	Private, Non-Profit

STAFFING:

Medical Residents/Interns	0
Registered Nurses	5
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	No
Hospice	No
Intensive Care Unit	Yes
Organ Transplant	No
Rehabilitation	No
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

KINGSBURY COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 430020

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	88	8.0	10.0	5.2	10.2	16.0	7.6	15.9	20.4	8.8
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	8	37.5	14.4	*	37.5	23.0	*	37.5	30.2	*
Pneumonia/Influenza	11	27.3	18.2	*	27.3	24.7	*	27.3	29.4	*
Chronic Obstructive Pulmonary Disease	1	0.0	4.0	*	0.0	7.4	*	0.0	10.6	*
Transient Cerebral Ischemia	5	0.0	2.7	*	0.0	6.1	*	0.0	9.8	*
Stroke	3	0.0	21.4	*	0.0	28.8	*	0.0	34.2	*
Hip Fracture	4	0.0	4.7	*	0.0	8.3	*	0.0	10.9	*
Sepsis	0									
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	3	0.0	1.4	*	0.0	2.8	*	0.0	3.7	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	122	13.9	10.5	4.4	16.4	15.4	3.4	22.1	19.7	4.4
CONDITIONS:										
Acute Myocardial Infarction	6	33.3	37.4	*	33.3	41.5	*	33.3	46.0	*
Congestive Heart Failure	4	50.0	18.7	*	75.0	28.2	*	75.0	35.2	*
Pneumonia/Influenza	24	25.0	18.9	*	25.0	25.4	*	37.5	30.7	*
Chronic Obstructive Pulmonary Disease	2	0.0	13.8	*	0.0	20.7	*	0.0	25.6	*
Transient Cerebral Ischemia	6	0.0	3.7	*	0.0	8.7	*	0.0	13.9	*
Stroke	5	0.0	24.6	*	0.0	32.4	*	20.0	38.0	*
Hip Fracture	1	0.0	4.0	*	0.0	7.6	*	0.0	10.2	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	3.4	*	0.0	6.8	*	0.0	9.4	*
Prostatectomy	1	0.0	1.1	*	0.0	2.8	*	0.0	4.6	*
Cholecystectomy	3	0.0	2.6	*	0.0	4.4	*	33.3	5.6	*
Hysterectomy	2	0.0	0.4	*	0.0	0.6	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

LAKE AREA HOSPITAL

North First St
Webster, SD 57274

Medicare Provider Number: 430038

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	270	9.6	10.9	2.3	15.9	16.4	3.1	19.6	20.9	3.0
CONDITIONS:										
Acute Myocardial Infarction	22	27.3	29.9	*	36.4	34.1	*	40.9	37.9	*
Congestive Heart Failure	14	7.1	17.5	*	35.7	27.2	*	50.0	35.0	*
Pneumonia/Influenza	29	13.8	15.4	*	13.8	21.0	*	13.8	25.4	*
Chronic Obstructive Pulmonary Disease	1	0.0	2.9	*	0.0	5.2	*	100.0	7.4	*
Transient Cerebral Ischemia	13	0.0	2.8	*	7.7	6.9	*	7.7	11.5	*
Stroke	7	42.9	27.9	*	42.9	37.7	*	42.9	43.5	*
Hip Fracture	0									
Sepsis	2	0.0	14.3	*	0.0	18.9	*	0.0	23.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	0.9	*	0.0	2.2	*	0.0	3.6	*
Cholecystectomy	2	0.0	3.7	*	0.0	6.1	*	0.0	7.3	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	34
Occupancy Rate	50
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	4
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	18
Licensed Practical Nurses	7

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

LAKE AREA HOSPITAL

Medicare Provider Number: 430038

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	271	10.3	13.5	2.5	12.9	19.5	3.1	17.0	24.1	3.4
CONDITIONS:										
Acute Myocardial Infarction	21	33.3	40.1	*	33.3	45.0	*	38.1	49.0	*
Congestive Heart Failure	24	16.7	18.6	*	25.0	28.0	*	29.2	35.1	*
Pneumonia/Influenza	19	15.8	21.6	*	21.1	28.7	*	26.3	33.4	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	11	0.0	2.5	*	9.1	5.3	*	9.1	8.4	*
Stroke	8	25.0	23.0	*	25.0	29.0	*	25.0	33.3	*
Hip Fracture	0									
Sepsis	2	0.0	18.0	*	0.0	23.6	*	0.0	28.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	0.6	*	0.0	1.1	*	0.0	1.7	*
Cholecystectomy	8	0.0	1.7	*	0.0	3.0	*	0.0	3.9	*
Hysterectomy	3	0.0	0.3	*	0.0	0.7	*	0.0	1.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	277	9.0	13.0	2.4	13.7	19.2	3.0	16.2	23.8	3.6
CONDITIONS:										
Acute Myocardial Infarction	14	35.7	32.8	*	42.9	37.8	*	50.0	41.9	*
Congestive Heart Failure	12	8.3	28.3	*	25.0	42.6	*	33.3	51.3	*
Pneumonia/Influenza	33	6.1	20.8	*	12.1	28.1	*	12.1	33.5	*
Chronic Obstructive Pulmonary Disease	1	0.0	12.9	*	0.0	29.6	*	0.0	43.7	*
Transient Cerebral Ischemia	14	0.0	2.9	*	0.0	6.7	*	0.0	10.9	*
Stroke	12	16.7	20.3	*	25.0	27.5	*	33.3	32.6	*
Hip Fracture	0									
Sepsis	2	0.0	17.3	*	0.0	24.6	*	0.0	29.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	5	0.0	1.8	*	0.0	4.5	*	20.0	7.2	*
Cholecystectomy	6	0.0	3.0	*	0.0	5.0	*	16.7	6.1	*
Hysterectomy	1	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

LANDMANN-JUNGMAN MEMORIAL HOSPITAL

P O Box 307
Scotland, SD 57059

Medicare Provider Number: 430073

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	128	7.8	8.3	4.2	8.6	12.3	4.0	11.7	15.5	4.9
CONDITIONS:										
Acute Myocardial Infarction	5	40.0	29.2	*	40.0	33.6	*	40.0	37.7	*
Congestive Heart Failure	10	0.0	15.5	*	0.0	24.4	*	20.0	31.6	*
Pneumonia/Influenza	16	18.8	13.5	*	25.0	18.7	*	25.0	22.7	*
Chronic Obstructive Pulmonary Disease	1	0.0	4.6	*	0.0	8.8	*	0.0	13.0	*
Transient Cerebral Ischemia	0									
Stroke	3	0.0	16.1	*	0.0	21.0	*	0.0	25.2	*
Hip Fracture	4	0.0	4.0	*	0.0	8.1	*	0.0	11.2	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	2.3	*	0.0	4.8	*	0.0	6.8	*
Open Reduction of Hip Fracture	1	0.0	4.0	*	0.0	8.3	*	0.0	11.6	*
Prostatectomy	0									
Cholecystectomy	1	0.0	0.4	*	0.0	0.6	*	0.0	1.0	*
Hysterectomy	3	0.0	0.4	*	0.0	1.0	*	0.0	1.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	23
Occupancy Rate	26
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	1
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	10
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

LANDMANN-JUNGMAN MEMORIAL HOSPITAL

Medicare Provider Number: 430073

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	146	5.5	10.2	2.9	8.2	15.5	3.7	9.6	19.4	4.4
CONDITIONS:										
Acute Myocardial Infarction	5	40.0	19.2	*	40.0	25.2	*	40.0	29.9	*
Congestive Heart Failure	14	0.0	16.1	*	14.3	24.8	*	14.3	31.6	*
Pneumonia/Influenza	16	6.3	16.2	*	6.3	22.1	*	6.3	26.5	*
Chronic Obstructive Pulmonary Disease	1	0.0	13.9	*	0.0	25.8	*	0.0	34.3	*
Transient Cerebral Ischemia	1	0.0	1.0	*	0.0	2.2	*	0.0	3.4	*
Stroke	5	20.0	17.5	*	20.0	22.8	*	20.0	27.1	*
Hip Fracture	3	0.0	5.8	*	0.0	12.3	*	0.0	17.4	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	3	0.0	5.0	*	0.0	11.0	*	0.0	16.1	*
Prostatectomy	0									
Cholecystectomy	4	0.0	3.6	*	0.0	7.0	*	0.0	9.3	*
Hysterectomy	2	0.0	0.3	*	0.0	0.7	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	168	6.0	7.8	2.2	9.5	12.5	3.4	9.5	16.4	3.9
CONDITIONS:										
Acute Myocardial Infarction	5	0.0	26.7	*	0.0	29.6	*	0.0	33.2	*
Congestive Heart Failure	11	9.1	15.7	*	18.2	24.5	*	18.2	31.1	*
Pneumonia/Influenza	16	6.3	17.3	*	6.3	24.3	*	6.3	29.5	*
Chronic Obstructive Pulmonary Disease	8	0.0	12.7	*	12.5	21.4	*	12.5	28.5	*
Transient Cerebral Ischemia	0									
Stroke	5	40.0	17.2	*	40.0	22.8	*	40.0	27.4	*
Hip Fracture	8	25.0	5.6	*	25.0	10.7	*	25.0	14.3	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	33.3	5.6	*	33.3	10.8	*	33.3	14.4	*
Open Reduction of Hip Fracture	4	25.0	5.0	*	25.0	10.0	*	25.0	13.6	*
Prostatectomy	0									
Cholecystectomy	3	0.0	1.9	*	0.0	3.9	*	0.0	5.3	*
Hysterectomy	1	0.0	0.5	*	0.0	1.0	*	0.0	1.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

LOOKOUT MEMORIAL HOSPITAL

1440 N Main
Spearfish, SD 57783

Medicare Provider Number: 430048

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	344	10.8	7.6	2.0	15.7	11.9	2.2	19.5	15.3	2.4
CONDITIONS:										
Acute Myocardial Infarction	15	20.0	21.2	*	20.0	25.1	*	20.0	28.7	*
Congestive Heart Failure	13	38.5	13.8	*	38.5	22.3	*	38.5	29.2	*
Pneumonia/Influenza	18	22.2	13.6	*	27.8	19.3	*	27.8	23.6	*
Chronic Obstructive Pulmonary Disease	3	0.0	2.5	*	0.0	4.7	*	0.0	6.8	*
Transient Cerebral Ischemia	4	0.0	3.0	*	0.0	7.1	*	0.0	11.2	*
Stroke	12	25.0	19.7	*	33.3	28.6	*	41.7	33.7	*
Hip Fracture	13	30.8	4.4	*	38.5	8.2	*	46.2	10.9	*
Sepsis	3	33.3	28.3	*	33.3	41.4	*	33.3	46.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	11	9.1	2.0	*	18.2	3.6	*	27.3	4.8	*
Open Reduction of Hip Fracture	7	28.6	4.1	*	28.6	7.8	*	28.6	10.5	*
Prostatectomy	19	0.0	1.2	*	5.3	3.1	*	5.3	5.2	*
Cholecystectomy	7	14.3	1.8	*	14.3	3.7	*	14.3	5.2	*
Hysterectomy	3	0.0	1.4	*	0.0	3.3	*	0.0	5.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	35
Occupancy Rate	37
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	11
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	23
Licensed Practical Nurses	6

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

LOOKOUT MEMORIAL HOSPITAL

Medicare Provider Number: 430048

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	364	10.2	8.6	2.4	14.8	12.9	3.0	17.9	16.3	3.8
CONDITIONS:										
Acute Myocardial Infarction	22	45.5	30.9	*	50.0	35.3	*	50.0	39.1	*
Congestive Heart Failure	14	35.7	14.0	*	57.1	22.5	*	71.4	29.7	*
Pneumonia/Influenza	19	10.5	17.0	*	15.8	23.1	*	26.3	27.7	*
Chronic Obstructive Pulmonary Disease	3	0.0	6.6	*	0.0	10.9	*	0.0	14.8	*
Transient Cerebral Ischemia	8	0.0	1.7	*	0.0	3.8	*	12.5	6.0	*
Stroke	7	42.9	17.9	*	42.9	25.0	*	42.9	29.8	*
Hip Fracture	14	7.1	4.3	*	28.6	8.6	*	28.6	11.8	*
Sepsis	1	100.0	19.6	*	100.0	29.1	*	100.0	36.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	100.0	29.1	*	100.0	33.7	*	100.0	37.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	14	7.1	2.1	*	7.1	4.1	*	7.1	5.6	*
Open Reduction of Hip Fracture	8	0.0	3.2	*	25.0	6.8	*	25.0	9.6	*
Prostatectomy	10	0.0	0.6	*	0.0	1.6	*	0.0	2.7	*
Cholecystectomy	4	0.0	1.3	*	0.0	2.6	*	0.0	3.4	*
Hysterectomy	1	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	349	8.3	6.5	2.0	12.9	10.1	2.2	15.8	12.9	2.5
CONDITIONS:										
Acute Myocardial Infarction	19	31.6	22.5	*	31.6	25.2	*	36.8	28.1	*
Congestive Heart Failure	17	17.6	11.9	*	23.5	18.7	*	41.2	24.6	*
Pneumonia/Influenza	12	16.7	13.4	*	25.0	19.2	*	25.0	23.8	*
Chronic Obstructive Pulmonary Disease	7	0.0	4.2	*	0.0	7.9	*	0.0	11.0	*
Transient Cerebral Ischemia	6	0.0	1.4	*	0.0	3.0	*	0.0	4.8	*
Stroke	10	20.0	20.2	*	40.0	29.7	*	50.0	35.4	*
Hip Fracture	7	0.0	4.6	*	28.6	9.5	*	28.6	13.3	*
Sepsis	1	100.0	50.0	*	100.0	56.8	*	100.0	62.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	1.2	*	0.0	2.6	*	0.0	4.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	9	0.0	1.7	*	22.2	3.5	*	22.2	5.0	*
Open Reduction of Hip Fracture	4	0.0	4.1	*	0.0	8.5	*	0.0	12.1	*
Prostatectomy	12	0.0	0.9	*	8.3	2.4	*	8.3	4.2	*
Cholecystectomy	2	0.0	2.6	*	0.0	3.9	*	0.0	4.9	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MADISON COMMUNITY HOSPITAL

917 N Washington
Madison, SD 57042

Medicare Provider Number: 430007

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	317	8.2	8.3	1.6	11.7	13.1	2.0	15.8	16.9	2.2
CONDITIONS:										
Acute Myocardial Infarction	12	25.0	20.9	*	25.0	23.7	*	25.0	26.9	*
Congestive Heart Failure	11	9.1	13.2	*	9.1	20.4	*	18.2	26.8	*
Pneumonia/Influenza	25	0.0	14.5	*	8.0	20.4	*	12.0	25.0	*
Chronic Obstructive Pulmonary Disease	7	14.3	5.7	*	14.3	11.4	*	14.3	17.0	*
Transient Cerebral Ischemia	6	0.0	3.6	*	16.7	8.8	*	33.3	14.0	*
Stroke	15	33.3	20.0	*	40.0	25.6	*	40.0	30.1	*
Hip Fracture	10	0.0	7.6	*	10.0	14.4	*	10.0	19.2	*
Sepsis	2	0.0	23.4	*	0.0	37.1	*	0.0	47.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	5.8	*	25.0	11.6	*	25.0	15.9	*
Open Reduction of Hip Fracture	1	0.0	11.7	*	0.0	22.3	*	0.0	29.4	*
Prostatectomy	2	50.0	1.5	*	50.0	3.5	*	50.0	5.7	*
Cholecystectomy	10	10.0	4.7	*	10.0	8.9	*	10.0	11.7	*
Hysterectomy	5	0.0	2.5	*	0.0	4.4	*	0.0	5.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	49
Occupancy Rate	39
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	6
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	18
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MADISON COMMUNITY HOSPITAL

Medicare Provider Number: 430007

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	335	9.0	9.4	2.1	11.9	14.6	2.6	13.7	18.7	3.0
CONDITIONS:										
Acute Myocardial Infarction	11	27.3	29.3	*	36.4	32.7	*	36.4	36.2	*
Congestive Heart Failure	14	28.6	13.9	*	28.6	21.6	*	35.7	28.1	*
Pneumonia/Influenza	26	7.7	18.7	*	11.5	25.5	*	11.5	30.5	*
Chronic Obstructive Pulmonary Disease	3	0.0	8.6	*	0.0	15.4	*	0.0	20.6	*
Transient Cerebral Ischemia	8	0.0	1.6	*	0.0	3.6	*	0.0	5.9	*
Stroke	10	10.0	20.1	*	10.0	27.2	*	20.0	32.2	*
Hip Fracture	16	6.3	5.0	*	6.3	9.5	*	6.3	12.6	*
Sepsis	1	0.0	19.3	*	0.0	27.9	*	0.0	33.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	5.2	*	0.0	10.3	*	0.0	13.8	*
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	0.5	*	0.0	0.9	*	0.0	1.5	*
Cholecystectomy	12	0.0	2.9	*	0.0	5.5	*	8.3	7.2	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	333	7.2	7.1	1.4	12.0	11.3	2.1	14.7	14.9	2.0
CONDITIONS:										
Acute Myocardial Infarction	13	23.1	27.0	*	23.1	30.7	*	30.8	34.4	*
Congestive Heart Failure	12	8.3	13.0	*	25.0	20.5	*	41.7	27.0	*
Pneumonia/Influenza	14	7.1	13.3	*	7.1	18.7	*	14.3	23.3	*
Chronic Obstructive Pulmonary Disease	8	0.0	6.5	*	0.0	10.9	*	0.0	14.8	*
Transient Cerebral Ischemia	7	0.0	3.5	*	14.3	8.6	*	14.3	14.0	*
Stroke	14	14.3	18.9	*	28.6	25.1	*	28.6	29.8	*
Hip Fracture	12	8.3	6.2	*	16.7	12.2	*	16.7	16.4	*
Sepsis	2	0.0	13.8	*	0.0	20.7	*	0.0	25.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	2.9	*	0.0	5.7	*	0.0	7.9	*
Open Reduction of Hip Fracture	1	0.0	8.8	*	0.0	19.1	*	0.0	27.0	*
Prostatectomy	6	16.7	1.2	*	16.7	3.0	*	16.7	4.8	*
Cholecystectomy	7	14.3	2.4	*	28.6	4.1	*	28.6	5.1	*
Hysterectomy	3	0.0	1.4	*	0.0	3.0	*	0.0	5.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MARSHALL COUNTY MEMORIAL HOSPITAL

P O Box 230
Britton, SD 57430

Medicare Provider Number: 430022

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	135	4.4	9.3	3.9	10.4	14.3	4.6	13.3	18.3	4.8
CONDITIONS:										
Acute Myocardial Infarction	4	0.0	27.9	*	25.0	30.3	*	25.0	33.5	*
Congestive Heart Failure	10	20.0	17.4	*	20.0	27.7	*	20.0	35.9	*
Pneumonia/Influenza	12	0.0	17.1	*	16.7	23.4	*	16.7	28.5	*
Chronic Obstructive Pulmonary Disease	3	0.0	13.3	*	0.0	22.2	*	0.0	29.2	*
Transient Cerebral Ischemia	6	0.0	1.9	*	0.0	4.3	*	0.0	6.9	*
Stroke	3	33.3	27.8	*	33.3	35.0	*	33.3	40.4	*
Hip Fracture	1	0.0	6.2	*	0.0	12.2	*	0.0	16.5	*
Sepsis	4	25.0	23.0	*	25.0	31.6	*	25.0	37.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	38
Occupancy Rate	26
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	2
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	7
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MARSHALL COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 430022

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	167	7.8	8.1	2.5	10.8	11.9	2.8	15.0	15.2	2.9
CONDITIONS:										
Acute Myocardial Infarction	11	36.4	33.4	*	36.4	36.8	*	36.4	40.1	*
Congestive Heart Failure	6	16.7	14.5	*	16.7	22.0	*	16.7	28.3	*
Pneumonia/Influenza	20	10.0	15.2	*	15.0	21.5	*	15.0	26.6	*
Chronic Obstructive Pulmonary Disease	3	0.0	2.7	*	0.0	5.6	*	0.0	8.2	*
Transient Cerebral Ischemia	1	0.0	1.1	*	0.0	2.1	*	0.0	3.1	*
Stroke	6	16.7	16.9	*	33.3	23.0	*	33.3	27.7	*
Hip Fracture	1	0.0	16.1	*	0.0	31.8	*	0.0	45.0	*
Sepsis	1	0.0	31.8	*	0.0	36.0	*	0.0	41.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	127	11.0	8.7	3.8	15.0	13.6	4.3	16.5	17.7	3.9
CONDITIONS:										
Acute Myocardial Infarction	4	25.0	29.9	*	50.0	33.5	*	50.0	36.6	*
Congestive Heart Failure	6	50.0	20.5	*	50.0	31.6	*	50.0	39.4	*
Pneumonia/Influenza	10	20.0	17.7	*	40.0	24.7	*	40.0	30.5	*
Chronic Obstructive Pulmonary Disease	4	25.0	11.9	*	25.0	22.3	*	25.0	30.2	*
Transient Cerebral Ischemia	4	50.0	2.2	*	50.0	5.1	*	50.0	8.4	*
Stroke	3	33.3	23.8	*	33.3	31.3	*	33.3	37.3	*
Hip Fracture	0									
Sepsis	1	100.0	84.3	*	100.0	98.3	*	100.0	99.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MCKENNAN HOSPITAL

800 E 21st St
Sioux Falls, SD 57101

Medicare Provider Number: 430016

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,474	6.6	8.5	0.7	11.0	13.3	0.8	14.0	17.0	1.0
CONDITIONS:										
Acute Myocardial Infarction	76	26.3	29.5	6.3	30.3	32.7	7.5	30.3	36.2	9.1
Congestive Heart Failure	72	15.3	14.0	4.2	22.2	21.7	5.4	30.6	28.3	6.5
Pneumonia/Influenza	64	6.3	15.9	6.8	12.5	21.9	7.6	15.6	26.4	8.0
Chronic Obstructive Pulmonary Disease	14	0.0	9.6	*	14.3	15.9	*	21.4	21.3	*
Transient Cerebral Ischemia	31	0.0	1.9	*	0.0	4.2	*	6.5	6.5	*
Stroke	56	16.1	22.8	7.1	25.0	28.9	6.5	28.6	33.6	7.3
Hip Fracture	66	6.1	6.9	3.2	12.1	12.3	4.7	12.1	15.8	6.7
Sepsis	13	30.8	26.0	*	30.8	34.6	*	38.5	40.9	*
PROCEDURES:										
Angioplasty	41	7.3	4.5	*	7.3	5.6	*	7.3	6.9	*
Coronary Artery Bypass Graft	50	4.0	5.8	*	6.0	8.0	*	6.0	9.5	*
Initial Pacemaker Insertion	18	0.0	3.4	*	5.6	7.3	*	11.1	11.0	*
Carotid Endarterectomy	18	5.6	1.8	*	5.6	3.6	*	11.1	5.4	*
Hip Replacement/Reconstruction	101	1.0	1.9	1.6	3.0	3.7	2.4	3.0	5.1	3.5
Open Reduction of Hip Fracture	19	5.3	6.7	*	26.3	12.5	*	26.3	16.3	*
Prostatectomy	76	0.0	1.4	1.7	0.0	3.6	3.1	1.3	6.1	3.7
Cholecystectomy	36	0.0	3.4	*	2.8	5.0	*	2.8	6.3	*
Hysterectomy	37	0.0	1.0	*	0.0	2.3	*	5.4	3.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	407
Occupancy Rate	67
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	308
Percent of Physicians Board Certified Specialists	77
Medical Residents/Interns	12
Registered Nurses	409
Licensed Practical Nurses	71

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MCKENNAN HOSPITAL

Medicare Provider Number: 430016

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,436	8.0	8.7	0.8	13.0	13.9	1.2	15.6	17.9	1.1
CONDITIONS:										
Acute Myocardial Infarction	40	37.5	28.5	*	37.5	31.9	*	37.5	35.2	*
Congestive Heart Failure	55	18.2	14.8	5.4	36.4	22.7	9.6	40.0	29.3	9.2
Pneumonia/Influenza	94	13.8	15.5	4.1	21.3	21.3	6.5	23.4	25.9	5.4
Chronic Obstructive Pulmonary Disease	14	14.3	9.1	*	14.3	14.9	*	14.3	20.0	*
Transient Cerebral Ischemia	32	3.1	2.2	*	6.3	5.1	*	6.3	8.2	*
Stroke	59	25.4	23.9	7.7	30.5	30.5	7.0	32.2	35.5	6.8
Hip Fracture	70	11.4	7.8	4.3	15.7	14.0	4.3	15.7	18.0	5.4
Sepsis	15	13.3	23.4	*	26.7	32.5	*	40.0	38.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	0.0	9.8	*	12.5	15.8	*	12.5	20.3	*
Carotid Endarterectomy	10	0.0	1.5	*	0.0	2.9	*	0.0	4.3	*
Hip Replacement/Reconstruction	96	4.2	2.7	1.9	5.2	5.2	2.3	5.2	6.9	3.0
Open Reduction of Hip Fracture	14	14.3	6.0	*	14.3	11.6	*	14.3	15.3	*
Prostatectomy	94	0.0	1.8	2.0	3.2	4.4	3.4	4.3	7.2	4.3
Cholecystectomy	51	7.8	4.5	4.9	13.7	7.7	7.2	13.7	9.8	6.9
Hysterectomy	29	0.0	1.0	*	3.4	2.0	*	3.4	3.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,419	8.4	8.5	0.9	13.4	13.9	1.0	16.2	18.1	0.9
CONDITIONS:										
Acute Myocardial Infarction	43	46.5	31.4	*	53.5	35.5	*	53.5	39.6	*
Congestive Heart Failure	75	13.3	16.2	4.5	21.3	24.8	5.3	24.0	32.1	7.5
Pneumonia/Influenza	74	14.9	14.9	4.3	20.3	20.6	6.8	21.6	25.4	7.4
Chronic Obstructive Pulmonary Disease	36	11.1	10.1	*	27.8	16.7	*	36.1	21.8	*
Transient Cerebral Ischemia	27	3.7	1.7	*	3.7	3.7	*	3.7	5.8	*
Stroke	58	25.9	21.2	8.2	31.0	27.6	10.3	37.9	32.4	11.8
Hip Fracture	66	10.6	6.8	5.1	13.6	12.5	4.5	15.2	16.4	4.7
Sepsis	14	35.7	23.2	*	42.9	33.3	*	42.9	39.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	13	7.7	3.2	*	7.7	6.6	*	15.4	9.9	*
Carotid Endarterectomy	6	0.0	2.0	*	0.0	4.4	*	0.0	6.7	*
Hip Replacement/Reconstruction	87	3.4	2.3	1.8	3.4	4.4	2.3	3.4	5.8	3.2
Open Reduction of Hip Fracture	26	11.5	5.9	*	15.4	11.7	*	19.2	15.8	*
Prostatectomy	73	0.0	1.7	2.0	1.4	4.1	3.3	2.7	6.6	4.4
Cholecystectomy	29	3.4	3.5	*	3.4	6.5	*	6.9	8.6	*
Hysterectomy	43	2.3	1.8	*	2.3	4.0	*	4.7	6.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

METHODIST HOSPITAL

909 S Miller St
Mitchell, SD 57301

Medicare Provider Number: 430017

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	500	9.8	9.4	1.7	14.2	14.3	1.9	17.2	18.4	2.5
CONDITIONS:										
Acute Myocardial Infarction	20	40.0	33.9	*	40.0	37.8	*	50.0	41.8	*
Congestive Heart Failure	32	12.5	13.2	*	25.0	21.0	*	28.1	27.8	*
Pneumonia/Influenza	32	25.0	17.5	*	28.1	24.3	*	28.1	29.5	*
Chronic Obstructive Pulmonary Disease	12	0.0	4.5	*	8.3	8.3	*	8.3	11.8	*
Transient Cerebral Ischemia	12	8.3	1.7	*	8.3	3.8	*	8.3	6.1	*
Stroke	12	16.7	17.4	*	16.7	23.1	*	25.0	27.5	*
Hip Fracture	13	23.1	6.0	*	23.1	11.2	*	23.1	15.0	*
Sepsis	5	40.0	40.8	*	60.0	48.9	*	60.0	56.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	16.7	5.3	*	33.3	8.9	*	33.3	11.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	10	20.0	4.3	*	20.0	8.3	*	20.0	11.3	*
Open Reduction of Hip Fracture	0									
Prostatectomy	27	0.0	1.2	*	7.4	3.0	*	11.1	5.0	*
Cholecystectomy	6	0.0	1.3	*	0.0	2.0	*	0.0	2.5	*
Hysterectomy	3	0.0	0.3	*	0.0	0.6	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	53
Occupancy Rate	60
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	31
Percent of Physicians Board Certified Specialists	58
Medical Residents/Interns	0
Registered Nurses	44
Licensed Practical Nurses	7

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

METHODIST HOSPITAL

Medicare Provider Number: 430017

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	515	7.8	9.1	1.4	10.1	13.6	2.1	13.6	17.4	2.2
CONDITIONS:										
Acute Myocardial Infarction	14	35.7	33.9	*	35.7	37.7	*	35.7	41.3	*
Congestive Heart Failure	26	7.7	15.2	*	11.5	23.8	*	19.2	30.9	*
Pneumonia/Influenza	56	12.5	17.6	5.6	14.3	24.0	7.1	17.9	28.8	7.9
Chronic Obstructive Pulmonary Disease	8	0.0	3.6	*	12.5	7.6	*	12.5	11.2	*
Transient Cerebral Ischemia	10	0.0	2.2	*	0.0	5.3	*	10.0	8.7	*
Stroke	22	18.2	25.6	*	22.7	32.5	*	31.8	37.6	*
Hip Fracture	12	8.3	5.3	*	8.3	10.4	*	16.7	14.1	*
Sepsis	5	0.0	23.7	*	40.0	33.5	*	40.0	41.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	14.3	14.5	*	14.3	20.7	*	14.3	25.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	12.5	3.9	*	12.5	7.8	*	25.0	10.6	*
Open Reduction of Hip Fracture	3	0.0	4.3	*	0.0	8.7	*	0.0	11.8	*
Prostatectomy	18	0.0	1.2	*	0.0	2.8	*	0.0	4.5	*
Cholecystectomy	12	0.0	2.1	*	0.0	3.8	*	0.0	4.9	*
Hysterectomy	5	0.0	2.2	*	0.0	4.8	*	0.0	7.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	520	9.2	8.3	1.4	12.7	12.8	1.5	15.4	16.5	2.0
CONDITIONS:										
Acute Myocardial Infarction	9	55.6	28.8	*	55.6	32.7	*	55.6	36.6	*
Congestive Heart Failure	29	13.8	13.8	*	17.2	21.7	*	27.6	28.9	*
Pneumonia/Influenza	40	20.0	15.7	*	30.0	21.9	*	35.0	26.7	*
Chronic Obstructive Pulmonary Disease	9	11.1	5.0	*	11.1	10.1	*	22.2	14.6	*
Transient Cerebral Ischemia	16	0.0	2.2	*	0.0	5.0	*	0.0	8.1	*
Stroke	23	8.7	18.1	*	13.0	23.7	*	21.7	28.3	*
Hip Fracture	16	6.3	7.8	*	12.5	14.0	*	12.5	18.1	*
Sepsis	5	40.0	31.1	*	40.0	38.2	*	40.0	44.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	5.1	*	0.0	8.5	*	0.0	11.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	13	15.4	3.2	*	15.4	5.9	*	15.4	8.0	*
Open Reduction of Hip Fracture	8	0.0	7.6	*	12.5	14.2	*	12.5	18.4	*
Prostatectomy	37	0.0	0.8	*	0.0	1.9	*	2.7	3.1	*
Cholecystectomy	12	0.0	3.3	*	0.0	6.7	*	8.3	9.2	*
Hysterectomy	2	0.0	0.8	*	0.0	1.9	*	0.0	3.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MID-DAKOTA HOSPITAL

P O Box 307
Chamberlain, SD 57325

Medicare Provider Number: 430018

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	220	7.3	9.3	3.0	11.8	14.7	3.5	15.5	18.9	4.0
CONDITIONS:										
Acute Myocardial Infarction	3	33.3	36.0	*	33.3	39.6	*	33.3	43.1	*
Congestive Heart Failure	16	6.3	17.0	*	25.0	26.9	*	25.0	34.7	*
Pneumonia/Influenza	28	17.9	20.1	*	25.0	27.4	*	28.6	32.2	*
Chronic Obstructive Pulmonary Disease	15	6.7	7.7	*	6.7	15.4	*	20.0	21.6	*
Transient Cerebral Ischemia	2	0.0	2.3	*	0.0	5.1	*	0.0	8.3	*
Stroke	7	28.6	29.7	*	28.6	37.6	*	28.6	42.2	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	2.6	*	0.0	3.6	*	0.0	4.4	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	54
Occupancy Rate	43
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	7
Percent of Physicians Board Certified Specialists	71
Medical Residents/Interns	0
Registered Nurses	19
Licensed Practical Nurses	13

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MID-DAKOTA HOSPITAL

Medicare Provider Number: 430018

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	265	4.5	8.7	2.2	9.1	13.5	2.9	13.2	17.4	3.0
CONDITIONS:										
Acute Myocardial Infarction	7	0.0	34.3	*	0.0	37.8	*	0.0	41.3	*
Congestive Heart Failure	15	33.3	16.9	*	40.0	25.3	*	53.3	32.1	*
Pneumonia/Influenza	24	4.2	17.3	*	16.7	23.2	*	20.8	28.1	*
Chronic Obstructive Pulmonary Disease	7	0.0	19.0	*	0.0	33.9	*	28.6	45.4	*
Transient Cerebral Ischemia	2	0.0	0.9	*	0.0	2.0	*	0.0	3.0	*
Stroke	5	0.0	26.3	*	0.0	34.6	*	0.0	38.8	*
Hip Fracture	1	0.0	4.2	*	100.0	7.3	*	100.0	9.5	*
Sepsis	2	0.0	31.6	*	0.0	36.6	*	0.0	43.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	3	0.0	1.5	*	0.0	2.9	*	33.3	3.9	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	217	6.0	9.4	2.7	10.6	14.0	3.1	14.7	17.9	3.0
CONDITIONS:										
Acute Myocardial Infarction	9	33.3	32.5	*	33.3	38.2	*	44.4	41.6	*
Congestive Heart Failure	10	0.0	22.0	*	20.0	32.2	*	30.0	39.7	*
Pneumonia/Influenza	12	0.0	16.8	*	0.0	22.7	*	0.0	27.8	*
Chronic Obstructive Pulmonary Disease	8	0.0	6.3	*	12.5	11.4	*	12.5	16.2	*
Transient Cerebral Ischemia	4	0.0	2.0	*	0.0	4.5	*	0.0	7.3	*
Stroke	1	100.0	51.9	*	100.0	56.0	*	100.0	60.4	*
Hip Fracture	0									
Sepsis	2	50.0	43.0	*	50.0	53.4	*	50.0	59.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	2.7	*	0.0	4.0	*	0.0	4.9	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MOBRIDGE REGIONAL HOSPITAL

P O Box 580
Mobridge, SD 57601

Medicare Provider Number: 430040

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	325	10.5	8.8	2.2	15.7	13.4	3.2	20.0	17.3	4.3
CONDITIONS:										
Acute Myocardial Infarction	16	18.8	25.4	*	25.0	28.4	*	25.0	31.7	*
Congestive Heart Failure	20	25.0	12.2	*	35.0	20.1	*	40.0	27.1	*
Pneumonia/Influenza	33	15.2	14.7	*	21.2	20.7	*	21.2	25.6	*
Chronic Obstructive Pulmonary Disease	7	0.0	7.5	*	0.0	12.4	*	0.0	17.2	*
Transient Cerebral Ischemia	3	33.3	4.2	*	33.3	10.3	*	33.3	16.7	*
Stroke	14	21.4	17.9	*	21.4	23.3	*	21.4	27.6	*
Hip Fracture	1	0.0	8.3	*	100.0	18.0	*	100.0	26.0	*
Sepsis	2	0.0	33.5	*	50.0	41.9	*	50.0	51.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	11	0.0	5.1	*	0.0	9.2	*	18.2	11.8	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	46
Occupancy Rate	30
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	8
Percent of Physicians Board Certified Specialists	38
Medical Residents/Interns	0
Registered Nurses	19
Licensed Practical Nurses	10

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MOBRIDGE REGIONAL HOSPITAL

Medicare Provider Number: 430040

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	321	11.5	8.2	2.3	16.2	12.8	3.0	21.8	16.6	3.3
CONDITIONS:										
Acute Myocardial Infarction	7	28.6	21.9	*	28.6	24.5	*	42.9	27.5	*
Congestive Heart Failure	17	11.8	11.3	*	23.5	17.5	*	47.1	22.9	*
Pneumonia/Influenza	25	20.0	16.0	*	24.0	22.6	*	24.0	27.5	*
Chronic Obstructive Pulmonary Disease	3	0.0	6.1	*	0.0	11.6	*	0.0	16.3	*
Transient Cerebral Ischemia	4	0.0	2.1	*	0.0	4.9	*	0.0	7.7	*
Stroke	18	38.9	19.8	*	44.4	25.8	*	50.0	30.5	*
Hip Fracture	4	0.0	4.1	*	25.0	7.9	*	25.0	10.6	*
Sepsis	2	50.0	15.2	*	50.0	19.1	*	100.0	23.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	4	0.0	1.4	*	0.0	2.6	*	0.0	3.5	*
Hysterectomy	1	0.0	0.7	*	0.0	1.3	*	0.0	1.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	365	13.4	8.1	2.8	17.0	12.6	2.6	20.0	16.6	2.5
CONDITIONS:										
Acute Myocardial Infarction	10	70.0	32.7	*	70.0	36.7	*	70.0	40.9	*
Congestive Heart Failure	22	22.7	13.5	*	36.4	21.4	*	40.9	28.4	*
Pneumonia/Influenza	25	16.0	15.0	*	24.0	21.1	*	24.0	26.1	*
Chronic Obstructive Pulmonary Disease	5	20.0	10.3	*	20.0	18.8	*	20.0	25.0	*
Transient Cerebral Ischemia	2	0.0	1.8	*	0.0	4.0	*	0.0	6.4	*
Stroke	12	41.7	20.2	*	50.0	27.0	*	50.0	32.2	*
Hip Fracture	9	11.1	7.3	*	11.1	13.5	*	22.2	17.8	*
Sepsis	3	66.7	34.5	*	66.7	46.7	*	66.7	54.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	4	0.0	6.1	*	0.0	11.8	*	0.0	15.7	*
Prostatectomy	0									
Cholecystectomy	8	12.5	1.6	*	12.5	2.9	*	12.5	3.7	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

NORTHERN HILLS GENERAL HOSPITAL

61 Charles St
Deadwood, SD 57732

Medicare Provider Number: 430004

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	216	4.2	5.0	1.6	6.9	7.9	2.0	10.2	10.2	2.1
CONDITIONS:										
Acute Myocardial Infarction	8	25.0	23.5	*	25.0	28.0	*	25.0	31.9	*
Congestive Heart Failure	9	11.1	9.3	*	22.2	14.8	*	22.2	19.7	*
Pneumonia/Influenza	9	11.1	15.0	*	11.1	22.2	*	22.2	27.3	*
Chronic Obstructive Pulmonary Disease	5	0.0	2.8	*	0.0	5.8	*	20.0	8.4	*
Transient Cerebral Ischemia	2	0.0	2.5	*	0.0	6.0	*	0.0	9.8	*
Stroke	5	40.0	13.0	*	40.0	17.7	*	40.0	21.2	*
Hip Fracture	1	0.0	2.1	*	100.0	4.0	*	100.0	5.4	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*
Open Reduction of Hip Fracture	1	0.0	1.8	*	100.0	3.6	*	100.0	5.0	*
Prostatectomy	14	0.0	0.4	*	0.0	0.9	*	0.0	1.7	*
Cholecystectomy	4	0.0	1.9	*	0.0	3.6	*	0.0	4.9	*
Hysterectomy	4	0.0	0.1	*	0.0	0.1	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	35
Occupancy Rate	34
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	11
Percent of Physicians Board Certified Specialists	64
Medical Residents/Interns	0
Registered Nurses	25
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

NORTHERN HILLS GENERAL HOSPITAL

Medicare Provider Number: 430004

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	226	4.4	6.0	1.8	7.5	9.4	2.2	11.1	12.1	2.3
CONDITIONS:										
Acute Myocardial Infarction	12	8.3	20.1	*	16.7	23.3	*	33.3	26.4	*
Congestive Heart Failure	6	0.0	13.4	*	16.7	21.6	*	33.3	29.0	*
Pneumonia/Influenza	12	8.3	13.3	*	8.3	19.3	*	16.7	24.1	*
Chronic Obstructive Pulmonary Disease	9	0.0	3.0	*	0.0	5.8	*	11.1	8.3	*
Transient Cerebral Ischemia	5	0.0	1.3	*	0.0	2.9	*	20.0	4.6	*
Stroke	8	12.5	15.8	*	12.5	21.0	*	12.5	25.5	*
Hip Fracture	2	0.0	2.5	*	50.0	4.4	*	50.0	5.7	*
Sepsis	2	0.0	20.6	*	0.0	29.3	*	0.0	34.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	17	0.0	0.5	*	0.0	1.3	*	0.0	2.2	*
Cholecystectomy	6	0.0	1.3	*	0.0	2.7	*	0.0	3.9	*
Hysterectomy	1	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	258	4.3	4.8	1.4	5.8	7.6	2.1	7.0	10.0	2.8
CONDITIONS:										
Acute Myocardial Infarction	12	8.3	18.1	*	8.3	20.8	*	8.3	23.6	*
Congestive Heart Failure	11	9.1	12.9	*	9.1	20.0	*	18.2	26.1	*
Pneumonia/Influenza	7	42.9	12.5	*	42.9	18.1	*	42.9	22.4	*
Chronic Obstructive Pulmonary Disease	7	14.3	7.7	*	28.6	15.6	*	42.9	21.7	*
Transient Cerebral Ischemia	4	0.0	1.6	*	0.0	3.4	*	0.0	5.4	*
Stroke	5	20.0	17.6	*	20.0	23.1	*	20.0	27.5	*
Hip Fracture	2	0.0	4.1	*	0.0	7.1	*	0.0	9.3	*
Sepsis	1	0.0	20.7	*	0.0	28.0	*	0.0	34.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	1.0	*	0.0	1.9	*	0.0	2.6	*
Open Reduction of Hip Fracture	0									
Prostatectomy	15	0.0	0.5	*	0.0	1.3	*	0.0	2.3	*
Cholecystectomy	5	0.0	0.8	*	0.0	1.5	*	0.0	2.1	*
Hysterectomy	5	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

PHS INDIAN HOSPITAL

Pine Ridge, SD 57770

Medicare Provider Number: 430081

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	59	6.8	10.6	5.2	18.6	17.0	5.3	23.7	21.7	5.6
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	2	0.0	27.5	*	0.0	45.8	*	0.0	58.5	*
Pneumonia/Influenza	4	0.0	12.5	*	0.0	16.6	*	25.0	20.1	*
Chronic Obstructive Pulmonary Disease	2	0.0	6.4	*	0.0	12.9	*	0.0	18.9	*
Transient Cerebral Ischemia	0									
Stroke	1	0.0	32.0	*	0.0	41.1	*	0.0	46.9	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	100.0	5.2	*	100.0	8.6	*	100.0	10.6	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	46
Occupancy Rate	44
Ownership/Control	Federal Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

PHS INDIAN HOSPITAL

Medicare Provider Number: 430081

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	84	9.5	10.9	3.6	15.5	16.5	4.3	20.2	20.9	5.1
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	2	0.0	18.4	*	0.0	27.9	*	0.0	35.1	*
Pneumonia/Influenza	4	0.0	21.4	*	0.0	28.6	*	0.0	34.2	*
Chronic Obstructive Pulmonary Disease	4	25.0	6.0	*	25.0	11.6	*	25.0	16.8	*
Transient Cerebral Ischemia	2	0.0	1.6	*	0.0	3.6	*	0.0	5.7	*
Stroke	3	33.3	28.7	*	66.7	37.8	*	66.7	44.4	*
Hip Fracture	1	0.0	4.5	*	0.0	8.3	*	0.0	10.4	*
Sepsis	1	100.0	54.2	*	100.0	65.6	*	100.0	72.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	91	3.3	6.3	4.1	11.0	10.8	6.0	12.1	14.7	5.2
CONDITIONS:										
Acute Myocardial Infarction	2	0.0	26.2	*	50.0	29.5	*	50.0	34.2	*
Congestive Heart Failure	2	0.0	11.9	*	0.0	19.9	*	0.0	27.1	*
Pneumonia/Influenza	6	0.0	13.6	*	16.7	19.2	*	16.7	23.7	*
Chronic Obstructive Pulmonary Disease	1	0.0	11.3	*	0.0	24.5	*	100.0	36.2	*
Transient Cerebral Ischemia	1	0.0	3.5	*	0.0	8.4	*	0.0	14.0	*
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

PHS INDIAN HOSPITAL

Rapid City, SD 57701

Medicare Provider Number: 430082

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	55	5.5	8.6	4.5	7.3	12.6	5.6	9.1	15.9	6.5
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	71.1	*	0.0	88.4	*	0.0	93.7	*
Congestive Heart Failure	2	0.0	9.0	*	0.0	13.9	*	0.0	18.5	*
Pneumonia/Influenza	3	0.0	19.4	*	0.0	26.3	*	0.0	32.0	*
Chronic Obstructive Pulmonary Disease	2	0.0	3.8	*	0.0	8.3	*	0.0	12.7	*
Transient Cerebral Ischemia	0									
Stroke	1	0.0	14.6	*	0.0	19.0	*	0.0	22.9	*
Hip Fracture	0									
Sepsis	1	0.0	7.0	*	0.0	9.2	*	0.0	11.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	40
Occupancy Rate	30
Ownership/Control	Federal Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	9
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	26
Licensed Practical Nurses	2

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

PHS INDIAN HOSPITAL
Medicare Provider Number: 430082

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	72	1.4	8.8	4.7	5.6	14.4	6.0	9.7	18.9	6.6
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	1	0.0	9.0	*	0.0	13.7	*	0.0	18.2	*
Pneumonia/Influenza	4	0.0	11.9	*	0.0	16.3	*	0.0	20.1	*
Chronic Obstructive Pulmonary Disease	1	0.0	13.5	*	0.0	20.9	*	0.0	27.4	*
Transient Cerebral Ischemia	3	0.0	1.3	*	0.0	2.9	*	0.0	4.7	*
Stroke	6	0.0	15.2	*	0.0	20.0	*	0.0	24.0	*
Hip Fracture	0									
Sepsis	1	0.0	27.0	*	0.0	41.3	*	0.0	51.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	63	4.8	7.3	3.9	9.5	12.3	5.2	14.3	17.0	5.9
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	32.6	*	0.0	35.5	*	0.0	39.5	*
Congestive Heart Failure	3	0.0	16.4	*	33.3	26.8	*	33.3	35.7	*
Pneumonia/Influenza	2	0.0	5.0	*	0.0	6.7	*	0.0	8.5	*
Chronic Obstructive Pulmonary Disease	2	0.0	6.2	*	0.0	12.9	*	50.0	18.7	*
Transient Cerebral Ischemia	1	0.0	1.0	*	0.0	2.0	*	0.0	3.0	*
Stroke	3	33.3	19.0	*	33.3	24.4	*	33.3	29.1	*
Hip Fracture	0									
Sepsis	1	0.0	15.6	*	0.0	22.3	*	0.0	26.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

PHS INDIAN HOSPITAL

Eagle Butte, SD 57625

Medicare Provider Number: 430083

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	27	0.0	5.0	*	0.0	9.8	*	3.7	14.6	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	1	0.0	8.7	*	0.0	13.4	*	0.0	18.1	*
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	2	0.0	4.9	*	0.0	10.5	*	0.0	16.0	*
Transient Cerebral Ischemia	1	0.0	1.8	*	0.0	4.1	*	0.0	6.6	*
Stroke	1	0.0	17.6	*	0.0	24.3	*	0.0	29.5	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	27
Occupancy Rate	33
Ownership/Control	Federal Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	4
Percent of Physicians Board Certified Specialists	75
Medical Residents/Interns	0
Registered Nurses	16
Licensed Practical Nurses	2

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

PHS INDIAN HOSPITAL

Medicare Provider Number: 430083

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	23	4.3	9.8	*	4.3	14.4	*	8.7	18.1	*
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	87.0	*	0.0	98.7	*	100.0	99.9	*
Congestive Heart Failure	1	0.0	12.3	*	0.0	17.7	*	0.0	22.9	*
Pneumonia/Influenza	3	33.3	13.0	*	33.3	17.3	*	33.3	21.2	*
Chronic Obstructive Pulmonary Disease	1	0.0	16.7	*	0.0	30.6	*	0.0	40.8	*
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	19	5.3	11.9	*	10.5	16.6	*	10.5	20.1	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	3	0.0	21.6	*	33.3	33.3	*	33.3	41.7	*
Pneumonia/Influenza	1	0.0	35.9	*	0.0	49.7	*	0.0	58.9	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

PHS INDIAN HOSPITAL

Rosebud, SD 57570

Medicare Provider Number: 430084

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	52	5.8	11.5	5.5	7.7	18.1	7.4	13.5	23.1	8.2
CONDITIONS:										
Acute Myocardial Infarction	2	0.0	28.8	*	0.0	32.4	*	0.0	36.5	*
Congestive Heart Failure	2	0.0	18.5	*	0.0	29.4	*	0.0	36.6	*
Pneumonia/Influenza	5	0.0	23.2	*	0.0	31.7	*	0.0	37.8	*
Chronic Obstructive Pulmonary Disease	3	0.0	14.8	*	0.0	23.1	*	0.0	29.1	*
Transient Cerebral Ischemia	0									
Stroke	1	0.0	43.3	*	100.0	65.3	*	100.0	76.3	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	29
Occupancy Rate	45
Ownership/Control	Federal Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	7
Percent of Physicians Board Certified Specialists	29
Medical Residents/Interns	0
Registered Nurses	28
Licensed Practical Nurses	6

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

PHS INDIAN HOSPITAL

Medicare Provider Number: 430084

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	61	6.6	8.0	3.6	8.2	13.0	6.1	19.7	17.1	5.1
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	32.4	*	0.0	35.0	*	100.0	38.7	*
Congestive Heart Failure	3	0.0	19.4	*	0.0	35.5	*	33.3	47.1	*
Pneumonia/Influenza	2	0.0	16.7	*	0.0	21.6	*	50.0	25.4	*
Chronic Obstructive Pulmonary Disease	1	0.0	13.0	*	0.0	19.8	*	0.0	25.7	*
Transient Cerebral Ischemia	1	0.0	2.3	*	0.0	4.7	*	0.0	7.3	*
Stroke	1	0.0	21.6	*	0.0	27.9	*	0.0	32.9	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	68	7.4	10.2	4.4	10.3	16.3	6.6	13.2	21.0	8.0
CONDITIONS:										
Acute Myocardial Infarction	1	100.0	33.1	*	100.0	36.7	*	100.0	40.5	*
Congestive Heart Failure	7	0.0	19.4	*	0.0	30.7	*	0.0	39.3	*
Pneumonia/Influenza	4	0.0	20.0	*	0.0	28.6	*	50.0	35.2	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	1	0.0	45.6	*	0.0	58.2	*	0.0	66.7	*
Hip Fracture	0									
Sepsis	1	0.0	24.5	*	0.0	28.6	*	0.0	33.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

PHS INDIAN HOSPITAL

Sisseton, SD 57262

Medicare Provider Number: 430085

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	43	4.7	7.8	*	9.3	12.3	*	11.6	16.1	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	2	0.0	9.9	*	0.0	14.9	*	0.0	19.7	*
Pneumonia/Influenza	6	0.0	9.3	*	16.7	12.7	*	16.7	15.7	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	0.0	1.8	*	0.0	3.9	*	0.0	6.3	*
Stroke	1	0.0	21.2	*	0.0	27.4	*	0.0	32.1	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	18
Occupancy Rate	33
Ownership/Control	Federal Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	3
Percent of Physicians Board Certified Specialists	33
Medical Residents/Interns	0
Registered Nurses	13
Licensed Practical Nurses	5

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

PHS INDIAN HOSPITAL
Medicare Provider Number: 430085

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	37	0.0	9.7	*	0.0	14.3	*	2.7	18.5	*
CONDITIONS:										
Acute Myocardial Infarction	2	0.0	30.9	*	0.0	33.8	*	0.0	37.6	*
Congestive Heart Failure	3	0.0	16.5	*	0.0	25.3	*	0.0	32.5	*
Pneumonia/Influenza	4	0.0	11.3	*	0.0	15.2	*	0.0	18.6	*
Chronic Obstructive Pulmonary Disease	2	0.0	8.6	*	0.0	13.8	*	0.0	18.2	*
Transient Cerebral Ischemia	0									
Stroke	4	0.0	16.1	*	0.0	20.7	*	0.0	24.7	*
Hip Fracture	0									
Sepsis	1	0.0	11.3	*	0.0	15.5	*	0.0	19.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	41	17.1	11.3	*	19.5	17.7	*	19.5	22.8	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	4	0.0	12.5	*	0.0	20.1	*	0.0	26.7	*
Pneumonia/Influenza	2	0.0	10.5	*	0.0	14.2	*	0.0	17.5	*
Chronic Obstructive Pulmonary Disease	1	100.0	10.6	*	100.0	25.6	*	100.0	40.2	*
Transient Cerebral Ischemia	0									
Stroke	2	0.0	15.8	*	0.0	20.4	*	0.0	24.4	*
Hip Fracture	1	0.0	9.3	*	100.0	17.8	*	100.0	23.7	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

PHS INDIAN HOSPITAL

Wagner, SD 57380

Medicare Provider Number: 430086

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	34	2.9	8.2	*	11.8	13.1	*	17.6	16.8	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	4	25.0	15.0	*	50.0	25.1	*	50.0	32.8	*
Pneumonia/Influenza	4	0.0	10.1	*	0.0	13.9	*	0.0	17.2	*
Chronic Obstructive Pulmonary Disease	1	0.0	4.4	*	0.0	7.7	*	0.0	10.9	*
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	23
Occupancy Rate	22
Ownership/Control	Federal Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	15
Licensed Practical Nurses	0

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

PHS INDIAN HOSPITAL

Medicare Provider Number: 430086

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	33	3.0	6.3	*	3.0	10.6	*	3.0	14.2	*
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	22.2	*	0.0	25.0	*	0.0	29.0	*
Congestive Heart Failure	1	0.0	7.4	*	0.0	16.3	*	0.0	25.0	*
Pneumonia/Influenza	2	0.0	11.4	*	0.0	16.4	*	0.0	20.8	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	0.0	1.4	*	0.0	3.0	*	0.0	4.7	*
Stroke	1	0.0	17.8	*	0.0	27.2	*	0.0	34.0	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	26	7.7	7.2	*	11.5	10.9	*	11.5	14.4	*
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	22.6	*	0.0	25.3	*	0.0	28.6	*
Congestive Heart Failure	0									
Pneumonia/Influenza	6	16.7	15.9	*	33.3	21.3	*	33.3	25.6	*
Chronic Obstructive Pulmonary Disease	1	0.0	1.6	*	0.0	2.6	*	0.0	3.3	*
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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483.2

DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF INDIAN HEALTH

Service Unit Director
PHS Indian Hospital
P.O. Box 490
Wagner, South Dakota 57380

In reply refer to:

January 8, 1991

Attn: Mrs. Sandra Kappert
Health Standards and Quality Bureau
Health Care Financing Administration
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

RE: Medicare Hospital Mortality Information

The PHS Indian Hospital, Wagner, SD, 57380, Medicare Provider Number: 430086, has reviewed the Medicare Hospital Mortality Information. The Medical Staff has requested that the following error be reported to your office.

On the listing of Discharged patients for FY 1989 it is noted that a patient was listed as dead who is very much alive. In checking with the Medicare billing department it was found that a key punch error was made at the fiscal intermediary categorizing this patient as expired. Official notice that this error was rectified was received at this facility in May 1990. Enclosed is a copy of this notice.

It is our request that the report be corrected regarding the following patient:

MEDICAL RECORD #	SURNAME	HEALTH INSURANCE CLAIM #	SEX	AGE	ADMISSION DATE	DISCHARGE DATE	DEATH DATE
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]

Sincerely,

Betty Hieb

Betty Hieb, ART
Quality Assurance Coordinator

Enclosure

PIONEER MEMORIAL HOSPITAL

Washington St Box 368
Viborg, SD 57070

Medicare Provider Number: 430057

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	124	20.2	11.4	4.1	25.8	16.7	4.6	30.6	20.8	5.2
CONDITIONS:										
Acute Myocardial Infarction	10	70.0	31.1	*	70.0	34.5	*	70.0	38.1	*
Congestive Heart Failure	8	50.0	16.3	*	50.0	25.2	*	62.5	32.5	*
Pneumonia/Influenza	17	11.8	14.4	*	17.6	19.7	*	17.6	24.1	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	6	16.7	19.0	*	33.3	25.2	*	50.0	30.1	*
Hip Fracture	0									
Sepsis	1	100.0	28.5	*	100.0	33.1	*	100.0	39.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	9	11.1	1.0	*	11.1	2.4	*	11.1	3.9	*
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	77
Occupancy Rate	74
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	17
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	9
Licensed Practical Nurses	2

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

PIONEER MEMORIAL HOSPITAL

Medicare Provider Number: 430057

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	142	11.3	9.6	2.8	17.6	15.2	3.5	21.8	19.7	4.0
CONDITIONS:										
Acute Myocardial Infarction	6	66.7	29.2	*	66.7	32.5	*	66.7	35.8	*
Congestive Heart Failure	9	22.2	18.0	*	33.3	28.8	*	33.3	37.3	*
Pneumonia/Influenza	21	14.3	14.1	*	19.0	20.3	*	23.8	24.7	*
Chronic Obstructive Pulmonary Disease	3	0.0	5.7	*	0.0	11.8	*	0.0	17.7	*
Transient Cerebral Ischemia	3	0.0	2.3	*	0.0	5.3	*	33.3	8.7	*
Stroke	3	66.7	19.2	*	66.7	25.3	*	66.7	30.2	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	7	0.0	1.3	*	0.0	3.3	*	0.0	5.5	*
Cholecystectomy	1	0.0	0.9	*	0.0	1.5	*	0.0	2.1	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	169	13.0	8.3	3.5	18.3	13.3	4.0	23.1	17.5	4.2
CONDITIONS:										
Acute Myocardial Infarction	4	50.0	22.9	*	50.0	25.4	*	75.0	28.4	*
Congestive Heart Failure	14	35.7	17.6	*	42.9	27.4	*	42.9	35.3	*
Pneumonia/Influenza	22	18.2	15.1	*	18.2	21.3	*	36.4	26.4	*
Chronic Obstructive Pulmonary Disease	4	0.0	4.5	*	0.0	9.8	*	0.0	14.4	*
Transient Cerebral Ischemia	4	0.0	2.1	*	0.0	4.8	*	0.0	8.0	*
Stroke	7	71.4	21.6	*	71.4	29.0	*	71.4	34.5	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	5	0.0	0.9	*	0.0	2.1	*	0.0	3.5	*
Cholecystectomy	4	0.0	0.9	*	0.0	1.6	*	0.0	2.2	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

PLATTE COMMUNITY MEMORIAL HOSPITAL

P O Box 818-609 E 7th
Platte, SD 57369

Medicare Provider Number: 430026

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	49	16.3	13.7	*	22.4	19.2	*	24.5	24.1	*
CONDITIONS:										
Acute Myocardial Infarction	2	50.0	38.1	*	50.0	42.5	*	50.0	46.6	*
Congestive Heart Failure	4	0.0	15.7	*	0.0	24.8	*	0.0	32.4	*
Pneumonia/Influenza	7	28.6	20.6	*	42.9	28.2	*	42.9	34.3	*
Chronic Obstructive Pulmonary Disease	2	50.0	16.7	*	50.0	26.4	*	50.0	34.4	*
Transient Cerebral Ischemia	0									
Stroke	3	0.0	18.0	*	0.0	23.2	*	0.0	27.5	*
Hip Fracture	0									
Sepsis	3	33.3	24.4	*	33.3	29.3	*	33.3	34.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	69
Occupancy Rate	84
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	2
Percent of Physicians Board Certified Specialists	50
Medical Residents/Interns	0
Registered Nurses	5
Licensed Practical Nurses	1

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

PLATTE COMMUNITY MEMORIAL HOSPITAL

Medicare Provider Number: 430026

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	77	15.6	11.4	4.4	19.5	16.1	4.9	19.5	20.4	4.6
CONDITIONS:										
Acute Myocardial Infarction	7	57.1	33.1	*	71.4	38.5	*	71.4	43.1	*
Congestive Heart Failure	4	25.0	23.3	*	25.0	32.7	*	25.0	40.8	*
Pneumonia/Influenza	11	27.3	16.7	*	27.3	22.6	*	27.3	27.2	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	0.0	3.6	*	0.0	7.6	*	0.0	12.1	*
Stroke	1	0.0	14.3	*	0.0	19.0	*	0.0	23.0	*
Hip Fracture	0									
Sepsis	1	0.0	36.9	*	0.0	43.7	*	0.0	51.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	1.3	*	0.0	2.5	*	0.0	3.6	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	74	16.2	9.0	5.1	21.6	13.4	5.5	25.7	17.3	5.6
CONDITIONS:										
Acute Myocardial Infarction	3	33.3	29.2	*	33.3	32.4	*	33.3	35.8	*
Congestive Heart Failure	2	50.0	14.7	*	50.0	21.9	*	50.0	28.4	*
Pneumonia/Influenza	5	20.0	17.7	*	40.0	24.9	*	40.0	30.7	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	0.0	2.0	*	0.0	4.1	*	0.0	6.5	*
Stroke	5	40.0	27.7	*	40.0	36.4	*	60.0	42.5	*
Hip Fracture	0									
Sepsis	2	50.0	32.9	*	100.0	44.3	*	100.0	51.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	1.1	*	0.0	2.0	*	0.0	2.8	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

PRAIRIE LAKES HOSPITAL

400 10th Avenue N W
Watertown, SD 57201

Medicare Provider Number: 430005

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	901	9.4	8.8	1.2	14.7	13.4	1.5	18.0	17.2	1.5
CONDITIONS:										
Acute Myocardial Infarction	32	31.3	28.1	*	31.3	31.8	*	31.3	35.7	*
Congestive Heart Failure	41	17.1	15.3	*	34.1	23.7	*	43.9	30.7	*
Pneumonia/Influenza	40	17.5	14.2	*	30.0	19.7	*	37.5	24.1	*
Chronic Obstructive Pulmonary Disease	12	0.0	6.7	*	8.3	11.9	*	8.3	16.6	*
Transient Cerebral Ischemia	16	0.0	1.9	*	6.3	4.3	*	18.8	7.0	*
Stroke	29	6.9	22.4	*	13.8	29.3	*	17.2	34.1	*
Hip Fracture	34	2.9	6.8	*	11.8	12.3	*	14.7	16.0	*
Sepsis	12	50.0	38.4	*	66.7	49.6	*	75.0	58.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	11	0.0	1.6	*	9.1	3.3	*	9.1	5.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	28	3.6	2.6	*	7.1	5.1	*	7.1	7.0	*
Open Reduction of Hip Fracture	2	50.0	5.5	*	100.0	10.1	*	100.0	13.2	*
Prostatectomy	45	0.0	1.1	*	0.0	2.7	*	0.0	4.7	*
Cholecystectomy	18	0.0	2.5	*	0.0	4.4	*	0.0	5.9	*
Hysterectomy	11	0.0	1.9	*	0.0	4.5	*	0.0	7.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	122
Occupancy Rate	76
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	34
Percent of Physicians Board Certified Specialists	74
Medical Residents/Interns	0
Registered Nurses	89
Licensed Practical Nurses	35

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

PRAIRIE LAKES HOSPITAL

Medicare Provider Number: 430005

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,000	8.1	9.0	1.0	12.0	13.5	1.5	14.6	17.2	1.7
CONDITIONS:										
Acute Myocardial Infarction	45	22.2	26.8	*	24.4	30.2	*	26.7	33.9	*
Congestive Heart Failure	41	22.0	17.9	*	31.7	26.8	*	39.0	33.7	*
Pneumonia/Influenza	57	10.5	16.5	7.6	12.3	22.3	9.4	15.8	26.7	10.9
Chronic Obstructive Pulmonary Disease	18	5.6	8.5	*	16.7	15.5	*	16.7	21.4	*
Transient Cerebral Ischemia	17	0.0	2.4	*	5.9	5.4	*	11.8	8.7	*
Stroke	37	13.5	21.8	*	18.9	27.9	*	24.3	32.4	*
Hip Fracture	35	0.0	6.2	*	0.0	11.7	*	0.0	15.5	*
Sepsis	6	33.3	37.9	*	33.3	45.4	*	33.3	52.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	8.2	*	0.0	12.2	*	0.0	16.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	31	0.0	2.2	*	0.0	4.3	*	0.0	5.9	*
Open Reduction of Hip Fracture	3	0.0	5.3	*	0.0	9.4	*	0.0	12.1	*
Prostatectomy	50	0.0	0.9	*	0.0	2.2	*	0.0	3.7	*
Cholecystectomy	36	5.6	3.7	*	8.3	6.6	*	11.1	8.5	*
Hysterectomy	9	11.1	1.3	*	11.1	2.4	*	11.1	3.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	956	9.3	9.1	1.0	12.7	13.7	1.2	15.3	17.5	1.5
CONDITIONS:										
Acute Myocardial Infarction	42	31.0	26.9	*	38.1	31.1	*	42.9	35.1	*
Congestive Heart Failure	28	25.0	16.6	*	35.7	24.9	*	42.9	31.9	*
Pneumonia/Influenza	56	16.1	16.1	4.9	17.9	22.0	6.2	19.6	26.9	7.5
Chronic Obstructive Pulmonary Disease	21	9.5	8.4	*	9.5	14.9	*	14.3	20.2	*
Transient Cerebral Ischemia	13	0.0	2.4	*	0.0	5.5	*	7.7	8.9	*
Stroke	27	18.5	24.4	*	37.0	31.4	*	40.7	36.4	*
Hip Fracture	37	2.7	5.9	*	2.7	11.2	*	2.7	15.0	*
Sepsis	5	40.0	33.6	*	40.0	40.0	*	40.0	47.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	3.7	*	0.0	8.3	*	0.0	13.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	20	0.0	3.2	*	0.0	6.5	*	0.0	9.1	*
Open Reduction of Hip Fracture	6	0.0	3.8	*	0.0	7.7	*	0.0	10.7	*
Prostatectomy	53	1.9	1.2	1.7	3.8	2.9	2.4	5.7	4.9	3.3
Cholecystectomy	18	5.6	3.0	*	5.6	5.4	*	11.1	7.1	*
Hysterectomy	8	0.0	0.8	*	0.0	1.6	*	0.0	2.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

RAPID CITY REGIONAL HOSPITAL

353 Fairmont Blvd P O Box 6000
Rapid City, SD 57701

Medicare Provider Number: 430077

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,358	7.8	8.3	0.6	11.5	12.4	0.8	14.0	15.7	0.9
CONDITIONS:										
Acute Myocardial Infarction	122	27.0	29.0	5.3	28.7	32.2	6.2	31.1	35.7	6.9
Congestive Heart Failure	91	14.3	14.7	3.8	18.7	22.8	6.0	25.3	29.5	7.0
Pneumonia/Influenza	96	13.5	16.4	4.2	17.7	22.4	5.8	19.8	27.0	7.0
Chronic Obstructive Pulmonary Disease	25	0.0	4.8	*	4.0	8.3	*	4.0	11.5	*
Transient Cerebral Ischemia	31	0.0	1.7	*	3.2	3.7	*	3.2	5.8	*
Stroke	53	20.8	20.6	5.6	24.5	27.1	6.5	30.2	31.7	6.5
Hip Fracture	66	6.1	6.8	3.2	13.6	12.3	4.2	18.2	15.9	5.4
Sepsis	16	18.8	30.6	*	25.0	41.0	*	31.3	48.5	*
PROCEDURES:										
Angioplasty	25	8.0	5.9	*	8.0	6.7	*	12.0	7.8	*
Coronary Artery Bypass Graft	39	10.3	5.0	*	10.3	6.8	*	10.3	8.0	*
Initial Pacemaker Insertion	17	5.9	7.7	*	5.9	11.5	*	11.8	14.6	*
Carotid Endarterectomy	11	0.0	1.4	*	9.1	2.6	*	9.1	3.9	*
Hip Replacement/Reconstruction	73	1.4	2.0	1.7	2.7	3.8	2.4	4.1	5.1	3.0
Open Reduction of Hip Fracture	38	5.3	6.8	*	15.8	12.6	*	18.4	16.4	*
Prostatectomy	134	1.5	1.1	1.2	2.2	2.7	2.0	6.0	4.6	2.2
Cholecystectomy	57	0.0	2.8	3.4	3.5	5.3	3.4	5.3	7.1	4.2
Hysterectomy	32	0.0	0.6	*	0.0	1.3	*	0.0	2.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	294
Occupancy Rate	66
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	124
Percent of Physicians Board Certified Specialists	83
Medical Residents/Interns	0
Registered Nurses	297
Licensed Practical Nurses	21

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

RAPID CITY REGIONAL HOSPITAL

Medicare Provider Number: 430077

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,308	7.6	7.6	0.6	11.2	11.5	0.8	13.7	14.7	1.0
CONDITIONS:										
Acute Myocardial Infarction	97	22.7	27.1	6.1	24.7	30.0	7.2	26.8	33.4	8.8
Congestive Heart Failure	90	14.4	16.0	5.2	22.2	24.1	6.9	26.7	30.9	7.9
Pneumonia/Influenza	87	11.5	17.0	7.3	16.1	22.9	6.6	21.8	27.5	7.5
Chronic Obstructive Pulmonary Disease	33	9.1	6.7	*	15.2	12.0	*	18.2	16.5	*
Transient Cerebral Ischemia	34	5.9	2.3	*	5.9	4.8	*	5.9	7.6	*
Stroke	64	23.4	24.0	6.0	32.8	30.7	6.1	35.9	35.6	6.0
Hip Fracture	72	4.2	6.2	3.4	9.7	11.5	4.7	12.5	15.0	5.8
Sepsis	13	15.4	27.9	*	23.1	33.5	*	30.8	38.5	*
PROCEDURES:										
Angioplasty	10	0.0	6.3	*	0.0	7.1	*	0.0	8.1	*
Coronary Artery Bypass Graft	13	0.0	4.0	*	0.0	5.2	*	0.0	6.0	*
Initial Pacemaker Insertion	33	0.0	4.6	*	3.0	8.0	*	6.1	11.1	*
Carotid Endarterectomy	16	0.0	1.2	*	0.0	2.3	*	0.0	3.3	*
Hip Replacement/Reconstruction	95	0.0	2.0	2.2	3.2	3.9	3.3	3.2	5.2	3.9
Open Reduction of Hip Fracture	39	7.7	6.0	*	12.8	11.6	*	17.9	15.4	*
Prostatectomy	151	1.3	1.0	0.9	1.3	2.1	1.3	4.6	3.4	2.4
Cholecystectomy	64	3.1	4.6	3.7	6.3	7.5	3.6	10.9	9.3	3.9
Hysterectomy	46	0.0	0.4	*	0.0	0.9	*	2.2	1.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,463	8.1	7.8	0.6	11.6	11.8	0.7	14.1	15.1	0.9
CONDITIONS:										
Acute Myocardial Infarction	103	30.1	30.2	4.5	32.0	33.5	4.9	32.0	37.1	5.8
Congestive Heart Failure	71	12.7	16.2	5.1	25.4	25.1	5.6	36.6	32.3	7.4
Pneumonia/Influenza	65	13.8	16.7	5.3	21.5	22.8	6.0	21.5	27.6	8.4
Chronic Obstructive Pulmonary Disease	70	12.9	9.5	4.6	18.6	16.1	5.1	22.9	21.3	5.1
Transient Cerebral Ischemia	40	0.0	1.8	*	2.5	3.7	*	2.5	5.8	*
Stroke	68	16.2	22.4	9.4	22.1	28.2	10.0	26.5	32.8	8.0
Hip Fracture	67	7.5	7.8	3.9	13.4	14.3	7.3	16.4	18.6	6.0
Sepsis	13	46.2	30.4	*	46.2	39.6	*	46.2	46.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	43	7.0	4.8	*	14.0	8.6	*	18.6	12.1	*
Carotid Endarterectomy	19	5.3	1.6	*	5.3	3.2	*	5.3	4.7	*
Hip Replacement/Reconstruction	66	3.0	3.3	2.2	4.5	6.2	4.3	4.5	8.2	5.4
Open Reduction of Hip Fracture	35	2.9	7.0	*	8.6	13.4	*	14.3	17.7	*
Prostatectomy	174	1.7	0.9	1.0	4.0	2.1	1.7	5.2	3.6	1.9
Cholecystectomy	53	3.8	2.3	2.6	3.8	4.0	3.0	3.8	5.3	3.7
Hysterectomy	35	0.0	0.4	*	0.0	0.8	*	0.0	1.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

SACRED HEART HOSPITAL

501 Summit
Yankton, SD 57078

Medicare Provider Number: 430012

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	1,160	7.1	8.1	1.1	10.3	12.5	1.2	12.9	16.0	1.4
CONDITIONS:										
Acute Myocardial Infarction	54	35.2	28.4	8.3	35.2	31.7	8.9	40.7	35.2	8.7
Congestive Heart Failure	40	7.5	15.0	*	10.0	23.9	*	12.5	31.3	*
Pneumonia/Influenza	89	14.6	15.0	4.3	21.3	21.4	5.1	23.6	26.4	5.1
Chronic Obstructive Pulmonary Disease	4	0.0	3.9	*	0.0	7.9	*	0.0	11.7	*
Transient Cerebral Ischemia	24	4.2	1.4	*	4.2	3.2	*	8.3	5.1	*
Stroke	46	21.7	17.2	*	23.9	23.4	*	26.1	27.8	*
Hip Fracture	35	5.7	6.5	*	8.6	12.0	*	8.6	15.8	*
Sepsis	6	33.3	18.4	*	33.3	25.5	*	33.3	30.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	20.0	5.3	*	30.0	8.5	*	30.0	11.2	*
Carotid Endarterectomy	1	0.0	1.6	*	0.0	3.1	*	0.0	4.9	*
Hip Replacement/Reconstruction	25	4.0	4.5	*	8.0	8.6	*	8.0	11.4	*
Open Reduction of Hip Fracture	18	0.0	4.8	*	0.0	9.4	*	0.0	12.6	*
Prostatectomy	108	0.9	1.1	1.1	1.9	2.8	1.8	3.7	4.9	2.8
Cholecystectomy	25	0.0	2.2	*	0.0	3.9	*	0.0	5.3	*
Hysterectomy	11	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	257
Occupancy Rate	70
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	45
Percent of Physicians Board Certified Specialists	64
Medical Residents/Interns	0
Registered Nurses	84
Licensed Practical Nurses	20

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

SACRED HEART HOSPITAL

Medicare Provider Number: 430012

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,307	8.0	7.4	0.9	11.5	11.6	0.9	14.8	14.8	1.0
CONDITIONS:										
Acute Myocardial Infarction	35	34.3	27.9	*	37.1	30.5	*	45.7	33.5	*
Congestive Heart Failure	34	17.6	15.7	*	20.6	24.6	*	35.3	31.8	*
Pneumonia/Influenza	97	7.2	15.4	5.1	12.4	21.4	5.5	16.5	26.2	5.9
Chronic Obstructive Pulmonary Disease	6	0.0	9.4	*	0.0	17.7	*	0.0	24.1	*
Transient Cerebral Ischemia	21	9.5	1.5	*	9.5	3.4	*	19.0	5.5	*
Stroke	46	19.6	17.9	*	21.7	24.8	*	23.9	29.4	*
Hip Fracture	44	0.0	5.3	*	4.5	10.0	*	11.4	13.0	*
Sepsis	12	25.0	19.0	*	25.0	26.9	*	33.3	33.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	12	0.0	3.0	*	0.0	6.2	*	0.0	9.7	*
Carotid Endarterectomy	2	0.0	2.2	*	0.0	3.9	*	0.0	5.6	*
Hip Replacement/Reconstruction	28	0.0	2.8	*	10.7	5.6	*	10.7	7.5	*
Open Reduction of Hip Fracture	29	0.0	4.6	*	0.0	9.0	*	10.3	12.1	*
Prostatectomy	115	1.7	1.2	1.2	1.7	3.0	1.9	4.3	4.9	2.3
Cholecystectomy	35	8.6	3.1	*	14.3	5.9	*	17.1	7.8	*
Hysterectomy	17	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,227	9.5	8.4	1.1	13.9	13.0	1.2	16.5	16.5	1.1
CONDITIONS:										
Acute Myocardial Infarction	55	25.5	25.7	7.0	27.3	29.2	6.9	29.1	32.6	8.4
Congestive Heart Failure	39	20.5	14.6	*	28.2	22.9	*	33.3	29.9	*
Pneumonia/Influenza	69	8.7	14.6	8.4	13.0	20.1	9.3	18.8	24.7	8.1
Chronic Obstructive Pulmonary Disease	7	14.3	15.7	*	14.3	24.7	*	28.6	30.3	*
Transient Cerebral Ischemia	31	3.2	1.9	*	3.2	4.3	*	3.2	6.9	*
Stroke	38	21.1	19.7	*	34.2	27.6	*	42.1	32.4	*
Hip Fracture	44	9.1	5.4	*	11.4	10.4	*	13.6	14.1	*
Sepsis	22	27.3	20.8	*	36.4	28.7	*	36.4	33.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	0.0	3.9	*	0.0	8.3	*	0.0	12.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	33	3.0	1.7	*	3.0	3.4	*	3.0	4.6	*
Open Reduction of Hip Fracture	32	6.3	4.8	*	9.4	9.9	*	12.5	13.7	*
Prostatectomy	140	0.0	1.1	1.3	2.1	2.7	1.4	4.3	4.5	1.9
Cholecystectomy	38	5.3	3.1	*	5.3	5.6	*	5.3	7.2	*
Hysterectomy	13	0.0	0.7	*	0.0	1.5	*	0.0	2.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

SIOUX VALLEY HOSPITAL

1100 S Euclid Ave
Sioux Falls, SD 57101

Medicare Provider Number: 430027

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	4,361	6.5	7.6	0.4	10.5	12.0	0.7	13.0	15.5	0.6
CONDITIONS:										
Acute Myocardial Infarction	165	19.4	27.5	5.6	23.6	30.9	5.9	24.2	34.4	6.7
Congestive Heart Failure	111	15.3	15.3	3.4	22.5	23.8	4.2	27.9	30.9	6.1
Pneumonia/Influenza	98	17.3	17.5	4.2	23.5	24.3	4.4	25.5	29.2	6.3
Chronic Obstructive Pulmonary Disease	31	6.5	8.8	*	9.7	15.2	*	12.9	20.6	*
Transient Cerebral Ischemia	61	1.6	2.2	2.7	3.3	5.2	4.7	4.9	8.3	6.3
Stroke	101	19.8	22.0	5.1	25.7	28.3	4.7	26.7	32.9	5.6
Hip Fracture	111	4.5	6.3	2.8	11.7	11.6	3.2	14.4	15.3	4.0
Sepsis	17	11.8	26.6	*	17.6	35.6	*	17.6	42.6	*
PROCEDURES:										
Angioplasty	158	2.5	3.9	2.2	3.2	5.1	2.7	4.4	6.4	3.4
Coronary Artery Bypass Graft	213	0.9	5.8	2.0	0.9	8.2	2.5	1.9	9.8	2.7
Initial Pacemaker Insertion	45	8.9	4.0	*	8.9	7.9	*	15.6	11.4	*
Carotid Endarterectomy	33	0.0	1.4	*	3.0	2.5	*	3.0	3.6	*
Hip Replacement/Reconstruction	192	3.1	1.9	1.9	4.2	3.8	2.3	4.2	5.3	2.4
Open Reduction of Hip Fracture	47	2.1	6.8	*	12.8	12.9	*	17.0	17.0	*
Prostatectomy	156	0.6	1.1	0.9	2.6	2.8	1.4	2.6	4.8	2.6
Cholecystectomy	93	1.1	3.4	2.7	6.5	6.1	2.5	9.7	8.0	3.9
Hysterectomy	63	1.6	0.5	1.5	3.2	1.3	2.1	3.2	2.0	2.3

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	456
Occupancy Rate	72
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	346
Percent of Physicians Board Certified Specialists	78
Medical Residents/Interns	9
Registered Nurses	863
Licensed Practical Nurses	35

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

SIOUX VALLEY HOSPITAL

Medicare Provider Number: 430027

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	4,571	6.5	7.9	0.5	10.1	12.3	0.6	12.7	15.7	0.6
CONDITIONS:										
Acute Myocardial Infarction	166	22.3	29.2	6.4	27.1	32.6	6.8	29.5	36.2	6.8
Congestive Heart Failure	103	14.6	16.9	4.2	26.2	26.1	4.4	33.0	33.4	5.4
Pneumonia/Influenza	108	17.6	16.6	3.8	23.1	22.7	4.1	25.0	27.3	4.8
Chronic Obstructive Pulmonary Disease	16	18.8	11.5	*	18.8	19.2	*	18.8	25.0	*
Transient Cerebral Ischemia	41	2.4	1.7	*	2.4	3.6	*	2.4	5.5	*
Stroke	107	16.8	25.0	5.9	22.4	31.6	7.1	26.2	36.5	7.4
Hip Fracture	120	4.2	6.6	4.1	8.3	12.3	5.9	12.5	16.0	6.0
Sepsis	23	34.8	26.7	*	34.8	38.1	*	34.8	45.8	*
PROCEDURES:										
Angioplasty	121	5.0	5.3	2.1	5.0	6.6	2.6	6.6	8.0	2.9
Coronary Artery Bypass Graft	257	5.4	8.0	3.1	7.0	11.0	2.9	7.8	12.6	2.7
Initial Pacemaker Insertion	54	5.6	3.5	4.4	7.4	6.8	3.5	11.1	10.0	5.7
Carotid Endarterectomy	26	0.0	1.4	*	0.0	2.7	*	0.0	4.0	*
Hip Replacement/Reconstruction	196	2.0	2.1	1.3	3.6	4.2	1.6	5.1	5.8	1.8
Open Reduction of Hip Fracture	52	3.8	5.9	4.1	5.8	11.4	6.8	7.7	15.0	7.9
Prostatectomy	163	2.5	1.1	1.4	5.5	2.7	2.7	5.5	4.5	2.1
Cholecystectomy	87	5.7	3.2	3.0	5.7	5.5	2.5	5.7	7.0	2.9
Hysterectomy	60	0.0	0.5	*	0.0	1.1	*	0.0	1.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	4,438	6.0	7.7	0.5	9.9	12.1	0.5	13.0	15.7	0.6
CONDITIONS:										
Acute Myocardial Infarction	138	27.5	32.0	7.4	32.6	35.5	7.8	34.1	39.1	8.3
Congestive Heart Failure	112	12.5	18.2	4.6	24.1	27.1	5.7	26.8	34.2	6.1
Pneumonia/Influenza	84	19.0	17.3	4.4	23.8	23.9	4.7	27.4	29.1	5.6
Chronic Obstructive Pulmonary Disease	41	9.8	7.8	*	19.5	13.9	*	22.0	18.9	*
Transient Cerebral Ischemia	51	0.0	1.8	2.3	2.0	3.9	3.1	2.0	6.2	4.5
Stroke	97	17.5	23.6	5.0	21.6	29.9	5.8	23.7	34.5	7.0
Hip Fracture	105	6.7	7.3	2.9	11.4	13.3	4.1	14.3	17.4	4.5
Sepsis	9	44.4	25.8	*	55.6	35.9	*	55.6	42.9	*
PROCEDURES:										
Angioplasty	84	4.8	5.6	2.7	7.1	6.8	3.0	8.3	8.1	3.0
Coronary Artery Bypass Graft	185	3.2	6.9	3.7	6.5	9.2	4.0	7.0	10.6	4.3
Initial Pacemaker Insertion	62	0.0	2.9	3.3	4.8	5.9	4.0	8.1	8.9	4.0
Carotid Endarterectomy	18	0.0	2.0	*	0.0	4.1	*	0.0	6.0	*
Hip Replacement/Reconstruction	190	1.1	1.8	1.3	2.1	3.6	2.1	3.7	5.0	2.7
Open Reduction of Hip Fracture	58	8.6	6.7	3.8	13.8	12.8	4.7	15.5	16.9	5.6
Prostatectomy	193	2.1	1.1	1.1	2.6	2.9	1.6	5.2	4.8	1.6
Cholecystectomy	79	1.3	3.4	2.7	2.5	6.2	4.0	3.8	8.0	4.6
Hysterectomy	48	0.0	0.4	*	0.0	0.9	*	2.1	1.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

SOUTHERN HILLS GENERAL HOSPITAL

209 N 16th St P O Box 940
Hot Springs, SD 57747

Medicare Provider Number: 430044

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	132	5.3	7.7	3.5	9.1	10.7	3.4	12.9	13.4	3.0
CONDITIONS:										
Acute Myocardial Infarction	12	33.3	38.0	*	66.7	41.5	*	66.7	45.2	*
Congestive Heart Failure	7	0.0	12.4	*	0.0	20.2	*	28.6	26.6	*
Pneumonia/Influenza	10	0.0	12.3	*	0.0	17.0	*	0.0	20.8	*
Chronic Obstructive Pulmonary Disease	6	16.7	3.1	*	16.7	5.7	*	16.7	8.2	*
Transient Cerebral Ischemia	2	0.0	1.9	*	0.0	4.2	*	50.0	6.8	*
Stroke	0									
Hip Fracture	1	0.0	4.3	*	0.0	9.3	*	0.0	13.7	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	0.4	*	0.0	0.9	*	0.0	1.6	*
Cholecystectomy	2	0.0	2.0	*	0.0	2.9	*	0.0	3.9	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	74
Occupancy Rate	69
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	6
Percent of Physicians Board Certified Specialists	50
Medical Residents/Interns	0
Registered Nurses	10
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

SOUTHERN HILLS GENERAL HOSPITAL

Medicare Provider Number: 430044

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	132	9.1	6.6	2.7	14.4	10.2	3.8	15.9	13.3	4.5
CONDITIONS:										
Acute Myocardial Infarction	4	25.0	35.1	*	25.0	39.8	*	25.0	44.5	*
Congestive Heart Failure	8	0.0	13.0	*	12.5	19.4	*	12.5	25.4	*
Pneumonia/Influenza	7	0.0	11.5	*	0.0	16.0	*	0.0	19.6	*
Chronic Obstructive Pulmonary Disease	8	12.5	6.8	*	12.5	12.2	*	12.5	16.8	*
Transient Cerebral Ischemia	2	0.0	3.6	*	0.0	8.3	*	0.0	13.0	*
Stroke	2	50.0	15.3	*	50.0	20.0	*	50.0	24.0	*
Hip Fracture	2	0.0	4.5	*	0.0	8.9	*	0.0	12.2	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	0.3	*	0.0	0.7	*	0.0	1.2	*
Cholecystectomy	1	0.0	0.6	*	0.0	1.1	*	0.0	1.5	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	197	10.2	6.5	2.4	15.7	10.2	3.1	18.8	13.5	3.4
CONDITIONS:										
Acute Myocardial Infarction	7	42.9	37.3	*	57.1	40.9	*	57.1	45.4	*
Congestive Heart Failure	12	33.3	12.5	*	50.0	20.5	*	50.0	26.9	*
Pneumonia/Influenza	9	11.1	17.5	*	11.1	24.6	*	11.1	29.4	*
Chronic Obstructive Pulmonary Disease	6	16.7	8.1	*	16.7	14.4	*	50.0	19.0	*
Transient Cerebral Ischemia	7	0.0	1.3	*	0.0	3.0	*	0.0	4.8	*
Stroke	4	0.0	13.7	*	25.0	18.5	*	25.0	22.3	*
Hip Fracture	1	0.0	3.4	*	0.0	6.7	*	0.0	9.4	*
Sepsis	2	0.0	32.2	*	0.0	40.2	*	0.0	46.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	14	14.3	1.1	*	28.6	2.8	*	35.7	4.7	*
Cholecystectomy	3	0.0	0.6	*	0.0	1.1	*	0.0	1.5	*
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST BENEDICT HOSPITAL

P O Box B
Parkston, SD 57366

Medicare Provider Number: 430033

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	174	14.4	10.8	4.2	17.8	15.8	4.2	23.6	20.0	4.7
CONDITIONS:										
Acute Myocardial Infarction	5	60.0	33.7	*	60.0	37.9	*	60.0	42.2	*
Congestive Heart Failure	10	30.0	17.0	*	30.0	26.3	*	50.0	33.9	*
Pneumonia/Influenza	42	21.4	19.7	*	28.6	27.0	*	38.1	32.5	*
Chronic Obstructive Pulmonary Disease	1	0.0	3.4	*	0.0	6.7	*	0.0	10.0	*
Transient Cerebral Ischemia	5	0.0	1.2	*	0.0	2.7	*	0.0	4.4	*
Stroke	8	37.5	23.5	*	50.0	30.6	*	50.0	36.1	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	4.4	*	50.0	10.5	*	50.0	16.1	*
Hysterectomy	2	0.0	0.4	*	0.0	0.7	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	103
Occupancy Rate	73
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	9
Percent of Physicians Board Certified Specialists	78
Medical Residents/Interns	0
Registered Nurses	8
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST BENEDICT HOSPITAL

Medicare Provider Number: 430033

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	136	14.0	9.5	4.5	16.9	14.0	4.5	19.9	17.7	4.1
CONDITIONS:										
Acute Myocardial Infarction	7	28.6	27.8	*	28.6	32.4	*	28.6	37.6	*
Congestive Heart Failure	8	37.5	13.6	*	37.5	21.4	*	37.5	27.9	*
Pneumonia/Influenza	18	16.7	15.9	*	22.2	21.6	*	22.2	26.2	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	3	0.0	2.5	*	0.0	5.4	*	0.0	8.5	*
Stroke	13	30.8	17.9	*	38.5	23.5	*	46.2	28.1	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	5	0.0	1.3	*	0.0	2.5	*	20.0	3.4	*
Hysterectomy	3	0.0	0.9	*	0.0	2.1	*	0.0	3.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	145	15.2	9.1	3.3	17.9	13.5	3.3	20.0	17.0	3.6
CONDITIONS:										
Acute Myocardial Infarction	4	25.0	23.7	*	25.0	26.7	*	25.0	30.9	*
Congestive Heart Failure	9	11.1	10.5	*	33.3	16.1	*	44.4	21.4	*
Pneumonia/Influenza	16	12.5	15.8	*	12.5	21.6	*	12.5	26.4	*
Chronic Obstructive Pulmonary Disease	4	25.0	20.3	*	25.0	31.9	*	25.0	39.0	*
Transient Cerebral Ischemia	3	0.0	1.3	*	0.0	2.8	*	0.0	4.5	*
Stroke	15	33.3	19.8	*	40.0	26.4	*	46.7	31.5	*
Hip Fracture	0									
Sepsis	1	100.0	11.1	*	100.0	17.2	*	100.0	22.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	10	0.0	2.5	*	10.0	4.9	*	10.0	6.8	*
Hysterectomy	1	0.0	0.2	*	0.0	0.2	*	0.0	0.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ST BERNARDS PROVIDENCE HOSPITAL

901 E Virgil Ave
Milbank, SD 57252

Medicare Provider Number: 430010

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	191	11.0	11.6	2.4	16.2	17.2	3.0	21.5	21.6	3.0
CONDITIONS:										
Acute Myocardial Infarction	12	41.7	31.8	*	41.7	36.8	*	41.7	40.9	*
Congestive Heart Failure	9	44.4	19.3	*	44.4	29.5	*	55.6	37.2	*
Pneumonia/Influenza	10	0.0	15.0	*	10.0	21.3	*	20.0	25.7	*
Chronic Obstructive Pulmonary Disease	3	0.0	7.7	*	0.0	14.6	*	0.0	20.8	*
Transient Cerebral Ischemia	2	0.0	3.0	*	0.0	7.4	*	0.0	12.1	*
Stroke	5	20.0	20.3	*	40.0	26.0	*	40.0	30.6	*
Hip Fracture	1	0.0	2.7	*	0.0	4.9	*	0.0	6.6	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	4	0.0	3.8	*	0.0	6.8	*	0.0	8.4	*
Hysterectomy	2	0.0	0.5	*	0.0	0.9	*	0.0	1.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	115
Occupancy Rate	74
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	5
Percent of Physicians Board Certified Specialists	40
Medical Residents/Interns	0
Registered Nurses	9
Licensed Practical Nurses	6

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST BERNARDS PROVIDENCE HOSPITAL

Medicare Provider Number: 430010

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	218	12.8	10.4	3.2	17.4	16.2	3.0	20.6	20.8	3.0
CONDITIONS:										
Acute Myocardial Infarction	11	18.2	27.6	*	18.2	32.1	*	18.2	35.9	*
Congestive Heart Failure	11	18.2	16.3	*	18.2	25.0	*	18.2	31.8	*
Pneumonia/Influenza	14	28.6	20.0	*	35.7	27.2	*	42.9	32.7	*
Chronic Obstructive Pulmonary Disease	3	33.3	3.7	*	33.3	6.9	*	33.3	10.0	*
Transient Cerebral Ischemia	9	0.0	3.1	*	0.0	7.1	*	0.0	11.2	*
Stroke	14	14.3	17.9	*	28.6	23.4	*	28.6	27.8	*
Hip Fracture	1	0.0	6.7	*	0.0	12.8	*	0.0	17.3	*
Sepsis	2	50.0	35.8	*	50.0	43.2	*	50.0	51.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	5.7	*	0.0	11.6	*	0.0	16.1	*
Prostatectomy	0									
Cholecystectomy	8	0.0	1.5	*	0.0	2.9	*	12.5	3.9	*
Hysterectomy	1	0.0	1.0	*	0.0	2.1	*	0.0	2.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	212	12.3	9.4	2.8	17.9	14.4	3.1	22.2	18.5	3.5
CONDITIONS:										
Acute Myocardial Infarction	13	30.8	28.9	*	30.8	33.0	*	46.2	37.2	*
Congestive Heart Failure	13	23.1	14.5	*	38.5	22.5	*	38.5	29.3	*
Pneumonia/Influenza	19	26.3	18.7	*	36.8	25.5	*	42.1	30.6	*
Chronic Obstructive Pulmonary Disease	4	0.0	11.2	*	25.0	18.0	*	50.0	23.4	*
Transient Cerebral Ischemia	4	0.0	1.8	*	0.0	4.0	*	0.0	6.5	*
Stroke	8	25.0	16.3	*	25.0	21.7	*	25.0	26.2	*
Hip Fracture	4	25.0	7.6	*	50.0	15.1	*	50.0	20.8	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	3	33.3	7.7	*	66.7	16.2	*	66.7	22.9	*
Prostatectomy	0									
Cholecystectomy	8	0.0	2.2	*	0.0	4.1	*	0.0	5.4	*
Hysterectomy	5	0.0	1.1	*	0.0	2.3	*	0.0	3.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ST JOSEPHS HOSPITAL

1200 E 5th Ave
Mitchell, SD 57301

Medicare Provider Number: 430013

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	858	6.4	9.6	1.1	9.3	14.7	1.3	11.9	18.6	1.5
CONDITIONS:										
Acute Myocardial Infarction	23	13.0	28.9	*	13.0	32.5	*	13.0	35.9	*
Congestive Heart Failure	31	19.4	15.7	*	22.6	24.6	*	22.6	31.8	*
Pneumonia/Influenza	54	11.1	16.4	8.9	14.8	22.1	9.6	20.4	26.8	9.1
Chronic Obstructive Pulmonary Disease	12	0.0	5.1	*	0.0	9.9	*	0.0	14.5	*
Transient Cerebral Ischemia	24	0.0	2.0	*	0.0	4.2	*	0.0	6.6	*
Stroke	28	21.4	24.6	*	21.4	31.8	*	25.0	36.8	*
Hip Fracture	21	4.8	6.6	*	4.8	11.9	*	9.5	15.6	*
Sepsis	7	14.3	22.1	*	14.3	30.1	*	14.3	36.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	0.0	4.0	*	11.1	9.0	*	11.1	13.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	11	0.0	2.6	*	0.0	5.2	*	9.1	7.4	*
Open Reduction of Hip Fracture	14	7.1	6.5	*	7.1	12.3	*	7.1	16.3	*
Prostatectomy	54	1.9	1.1	1.7	1.9	2.7	2.4	3.7	4.8	3.1
Cholecystectomy	16	6.3	3.3	*	12.5	6.9	*	12.5	9.6	*
Hysterectomy	8	0.0	2.8	*	0.0	5.4	*	0.0	7.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	80
Occupancy Rate	63
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	28
Percent of Physicians Board Certified Specialists	75
Medical Residents/Interns	0
Registered Nurses	80
Licensed Practical Nurses	12

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST JOSEPHS HOSPITAL

Medicare Provider Number: 430013

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	800	6.1	8.4	1.3	10.2	13.0	1.7	13.0	16.7	2.0
CONDITIONS:										
Acute Myocardial Infarction	23	34.8	30.8	*	34.8	35.0	*	34.8	38.6	*
Congestive Heart Failure	30	3.3	15.3	*	16.7	23.8	*	20.0	30.7	*
Pneumonia/Influenza	57	5.3	17.5	6.5	10.5	23.7	7.9	12.3	28.4	8.3
Chronic Obstructive Pulmonary Disease	2	50.0	7.7	*	50.0	15.4	*	50.0	21.7	*
Transient Cerebral Ischemia	20	0.0	2.1	*	0.0	4.8	*	0.0	7.7	*
Stroke	34	17.6	22.2	*	20.6	28.6	*	20.6	33.4	*
Hip Fracture	25	16.0	8.0	*	24.0	15.0	*	28.0	19.6	*
Sepsis	7	14.3	31.4	*	42.9	43.9	*	57.1	51.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	9.7	*	0.0	18.3	*	0.0	24.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	10	10.0	5.2	*	30.0	10.5	*	40.0	14.2	*
Open Reduction of Hip Fracture	13	15.4	6.2	*	15.4	12.0	*	15.4	16.1	*
Prostatectomy	33	6.1	1.0	*	9.1	2.8	*	9.1	4.9	*
Cholecystectomy	15	6.7	2.7	*	6.7	5.1	*	13.3	6.7	*
Hysterectomy	12	0.0	0.5	*	0.0	1.0	*	0.0	1.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	740	7.2	8.2	1.2	10.3	12.7	1.6	12.6	16.3	1.9
CONDITIONS:										
Acute Myocardial Infarction	25	40.0	28.9	*	40.0	32.6	*	40.0	36.6	*
Congestive Heart Failure	32	15.6	14.8	*	21.9	22.9	*	28.1	29.7	*
Pneumonia/Influenza	41	7.3	17.5	*	17.1	23.7	*	19.5	28.5	*
Chronic Obstructive Pulmonary Disease	12	0.0	4.9	*	8.3	9.7	*	8.3	14.2	*
Transient Cerebral Ischemia	10	0.0	1.9	*	0.0	4.1	*	0.0	6.6	*
Stroke	16	12.5	20.7	*	18.8	26.9	*	18.8	31.9	*
Hip Fracture	21	9.5	7.1	*	9.5	13.1	*	9.5	17.2	*
Sepsis	2	50.0	54.0	*	50.0	57.1	*	50.0	59.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	12.5	2.6	*	12.5	5.6	*	25.0	8.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	0.0	4.7	*	0.0	9.2	*	0.0	12.6	*
Open Reduction of Hip Fracture	14	14.3	6.2	*	14.3	12.0	*	14.3	16.0	*
Prostatectomy	39	0.0	0.9	*	0.0	2.0	*	0.0	3.3	*
Cholecystectomy	20	0.0	2.7	*	0.0	4.7	*	0.0	6.1	*
Hysterectomy	3	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST LUKES MIDLAND REGIONAL MEDICAL CENTER

305 S State St
Aberdeen, SD 57401

Medicare Provider Number: 430014

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	1,833	6.7	8.4	0.8	9.8	12.8	1.2	12.8	16.3	1.2
CONDITIONS:										
Acute Myocardial Infarction	66	25.8	27.1	5.5	31.8	30.7	5.9	33.3	34.5	7.0
Congestive Heart Failure	70	22.9	16.7	7.8	28.6	25.2	6.2	32.9	32.3	5.9
Pneumonia/Influenza	76	6.6	17.9	5.7	10.5	24.2	6.8	13.2	28.9	7.0
Chronic Obstructive Pulmonary Disease	9	22.2	6.2	*	22.2	11.0	*	33.3	15.2	*
Transient Cerebral Ischemia	11	0.0	1.7	*	9.1	3.6	*	9.1	5.6	*
Stroke	48	14.6	22.1	*	22.9	28.9	*	27.1	33.7	*
Hip Fracture	67	6.0	8.2	6.2	9.0	14.6	8.1	14.9	18.8	7.3
Sepsis	19	21.1	30.2	*	21.1	38.6	*	31.6	45.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	15	6.7	6.5	*	6.7	11.3	*	6.7	14.9	*
Carotid Endarterectomy	2	0.0	1.2	*	0.0	2.3	*	0.0	3.5	*
Hip Replacement/Reconstruction	46	4.3	4.0	*	4.3	7.4	*	8.7	9.7	*
Open Reduction of Hip Fracture	36	5.6	7.8	*	5.6	14.5	*	11.1	18.8	*
Prostatectomy	119	0.0	1.1	1.4	0.8	2.4	2.0	2.5	4.0	2.2
Cholecystectomy	40	2.5	2.7	*	5.0	4.5	*	5.0	5.5	*
Hysterectomy	16	0.0	0.7	*	0.0	1.4	*	0.0	2.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	200
Occupancy Rate	62
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	57
Percent of Physicians Board Certified Specialists	72
Medical Residents/Interns	0
Registered Nurses	252
Licensed Practical Nurses	5

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST LUKES MIDLAND REGIONAL MEDICAL CENTER

Medicare Provider Number: 430014

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,655	7.1	9.4	0.8	11.1	14.3	0.9	14.0	18.0	1.0
CONDITIONS:										
Acute Myocardial Infarction	65	23.1	31.4	11.2	29.2	35.3	12.2	30.8	39.2	13.3
Congestive Heart Failure	56	16.1	17.3	5.4	25.0	26.2	6.9	30.4	33.4	7.9
Pneumonia/Influenza	76	15.8	19.6	6.4	19.7	26.0	8.3	23.7	30.6	9.9
Chronic Obstructive Pulmonary Disease	4	0.0	4.9	*	0.0	9.6	*	0.0	13.5	*
Transient Cerebral Ischemia	15	0.0	3.7	*	0.0	8.3	*	0.0	13.1	*
Stroke	39	15.4	22.5	*	23.1	29.3	*	25.6	34.1	*
Hip Fracture	70	4.3	7.9	4.4	8.6	14.3	6.7	10.0	18.4	8.0
Sepsis	28	21.4	29.0	*	25.0	37.6	*	25.0	44.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	19	0.0	13.1	*	5.3	18.3	*	5.3	23.2	*
Carotid Endarterectomy	2	0.0	1.6	*	0.0	2.9	*	0.0	4.2	*
Hip Replacement/Reconstruction	53	3.8	4.7	3.5	9.4	9.0	4.0	9.4	11.8	5.0
Open Reduction of Hip Fracture	34	2.9	7.5	*	2.9	14.1	*	5.9	18.5	*
Prostatectomy	97	1.0	1.5	1.3	2.1	3.6	2.3	5.2	6.0	2.5
Cholecystectomy	34	5.9	4.8	*	8.8	8.2	*	8.8	10.1	*
Hysterectomy	18	0.0	0.5	*	5.6	1.2	*	5.6	1.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,492	6.0	8.1	0.9	9.9	12.8	1.1	12.7	16.6	1.4
CONDITIONS:										
Acute Myocardial Infarction	40	37.5	34.3	*	42.5	37.9	*	42.5	41.9	*
Congestive Heart Failure	57	10.5	16.1	5.6	17.5	24.1	6.6	28.1	31.0	6.4
Pneumonia/Influenza	76	3.9	15.7	7.0	10.5	21.3	7.2	17.1	25.9	6.9
Chronic Obstructive Pulmonary Disease	7	0.0	9.8	*	0.0	19.0	*	14.3	26.4	*
Transient Cerebral Ischemia	18	0.0	2.1	*	0.0	4.4	*	0.0	7.0	*
Stroke	45	13.3	22.7	*	20.0	30.5	*	24.4	35.7	*
Hip Fracture	49	14.3	7.3	*	18.4	13.2	*	18.4	17.3	*
Sepsis	12	16.7	24.7	*	25.0	31.5	*	25.0	36.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	14	0.0	6.2	*	0.0	11.8	*	14.3	16.6	*
Carotid Endarterectomy	1	0.0	1.2	*	0.0	2.2	*	0.0	3.0	*
Hip Replacement/Reconstruction	33	3.0	3.4	*	6.1	6.6	*	6.1	9.0	*
Open Reduction of Hip Fracture	30	13.3	6.1	*	16.7	11.5	*	16.7	15.3	*
Prostatectomy	82	1.2	1.3	1.7	1.2	3.1	2.8	2.4	5.2	4.1
Cholecystectomy	29	0.0	2.7	*	3.4	5.0	*	6.9	6.8	*
Hysterectomy	18	0.0	1.1	*	0.0	2.2	*	0.0	3.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST MARYS HOSPITAL

803 E Dakota
Pierre, SD 57501

Medicare Provider Number: 430015

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	568	7.6	9.0	1.3	11.1	13.6	1.8	14.4	17.4	1.9
CONDITIONS:										
Acute Myocardial Infarction	18	27.8	32.7	*	38.9	36.3	*	44.4	40.1	*
Congestive Heart Failure	31	19.4	18.8	*	22.6	28.8	*	22.6	36.5	*
Pneumonia/Influenza	25	8.0	14.4	*	8.0	19.9	*	12.0	24.3	*
Chronic Obstructive Pulmonary Disease	9	22.2	8.5	*	33.3	16.9	*	44.4	24.9	*
Transient Cerebral Ischemia	11	0.0	2.1	*	0.0	4.7	*	18.2	7.8	*
Stroke	19	26.3	24.6	*	31.6	31.8	*	31.6	37.0	*
Hip Fracture	22	4.5	4.7	*	9.1	9.0	*	9.1	12.0	*
Sepsis	13	23.1	25.4	*	23.1	32.6	*	30.8	38.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	14	7.1	3.1	*	7.1	6.0	*	7.1	8.2	*
Open Reduction of Hip Fracture	4	0.0	3.9	*	0.0	7.3	*	0.0	9.7	*
Prostatectomy	0									
Cholecystectomy	9	0.0	1.6	*	0.0	2.6	*	0.0	3.3	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	86
Occupancy Rate	36
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	18
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	48
Licensed Practical Nurses	18

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST MARYS HOSPITAL

Medicare Provider Number: 430015

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	668	7.0	8.4	1.6	10.5	12.6	2.1	12.7	16.3	2.1
CONDITIONS:										
Acute Myocardial Infarction	23	34.8	30.4	*	34.8	33.3	*	39.1	36.7	*
Congestive Heart Failure	39	12.8	15.1	*	17.9	23.6	*	20.5	30.6	*
Pneumonia/Influenza	37	8.1	16.1	*	10.8	21.8	*	10.8	26.4	*
Chronic Obstructive Pulmonary Disease	8	0.0	6.6	*	0.0	13.1	*	25.0	19.0	*
Transient Cerebral Ischemia	9	0.0	3.0	*	0.0	6.9	*	0.0	11.1	*
Stroke	18	11.1	18.9	*	11.1	24.3	*	22.2	28.8	*
Hip Fracture	19	5.3	5.4	*	5.3	10.8	*	10.5	14.7	*
Sepsis	9	0.0	39.5	*	44.4	46.5	*	44.4	52.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	15	0.0	3.5	*	0.0	7.3	*	6.7	10.1	*
Open Reduction of Hip Fracture	6	0.0	4.7	*	0.0	9.6	*	0.0	13.0	*
Prostatectomy	9	0.0	1.0	*	0.0	2.4	*	0.0	3.9	*
Cholecystectomy	12	8.3	6.4	*	16.7	11.0	*	16.7	13.2	*
Hysterectomy	1	0.0	1.7	*	0.0	4.0	*	0.0	5.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	646	8.4	9.4	1.3	11.3	14.0	1.8	15.3	17.6	2.1
CONDITIONS:										
Acute Myocardial Infarction	20	35.0	36.2	*	35.0	41.3	*	35.0	45.5	*
Congestive Heart Failure	38	10.5	15.8	*	21.1	24.4	*	28.9	31.4	*
Pneumonia/Influenza	33	9.1	14.3	*	9.1	19.7	*	12.1	24.1	*
Chronic Obstructive Pulmonary Disease	11	9.1	9.5	*	9.1	16.5	*	18.2	21.2	*
Transient Cerebral Ischemia	19	5.3	2.1	*	5.3	4.6	*	5.3	7.5	*
Stroke	20	35.0	28.6	*	45.0	34.9	*	50.0	39.4	*
Hip Fracture	24	8.3	6.4	*	12.5	12.0	*	20.8	15.6	*
Sepsis	6	16.7	27.9	*	33.3	34.1	*	33.3	40.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	16	0.0	4.5	*	0.0	8.9	*	12.5	11.9	*
Open Reduction of Hip Fracture	10	20.0	5.8	*	30.0	10.9	*	30.0	14.5	*
Prostatectomy	21	9.5	1.7	*	9.5	4.3	*	9.5	7.1	*
Cholecystectomy	8	0.0	4.8	*	0.0	10.2	*	25.0	14.9	*
Hysterectomy	2	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST MICHAELS HOSPITAL

P O Box 27
Tyndall, SD 57066

Medicare Provider Number: 430037

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	148	8.8	8.8	4.1	15.5	12.8	4.7	21.6	16.1	6.2
CONDITIONS:										
Acute Myocardial Infarction	3	66.7	20.3	*	66.7	22.9	*	66.7	25.9	*
Congestive Heart Failure	4	0.0	15.4	*	50.0	23.4	*	50.0	30.0	*
Pneumonia/Influenza	16	6.3	14.7	*	12.5	20.1	*	12.5	24.2	*
Chronic Obstructive Pulmonary Disease	7	0.0	9.5	*	0.0	15.7	*	0.0	21.3	*
Transient Cerebral Ischemia	2	0.0	1.1	*	0.0	2.5	*	50.0	3.9	*
Stroke	7	14.3	24.1	*	42.9	31.9	*	42.9	37.2	*
Hip Fracture	1	0.0	5.1	*	0.0	10.0	*	0.0	13.6	*
Sepsis	1	100.0	66.8	*	100.0	75.6	*	100.0	84.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	0.3	*	0.0	0.8	*	0.0	1.3	*
Cholecystectomy	2	0.0	1.8	*	0.0	3.4	*	0.0	4.5	*
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	34
Occupancy Rate	44
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	2
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	4
Licensed Practical Nurses	2

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST MICHAELS HOSPITAL

Medicare Provider Number: 430037

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	151	11.9	8.2	3.4	13.9	12.4	4.2	19.2	15.9	4.2
CONDITIONS:										
Acute Myocardial Infarction	3	33.3	19.0	*	33.3	21.0	*	33.3	23.5	*
Congestive Heart Failure	6	16.7	16.8	*	16.7	25.3	*	16.7	32.2	*
Pneumonia/Influenza	14	14.3	18.7	*	14.3	25.2	*	21.4	30.3	*
Chronic Obstructive Pulmonary Disease	2	0.0	11.8	*	0.0	21.7	*	0.0	28.9	*
Transient Cerebral Ischemia	4	0.0	2.6	*	0.0	5.9	*	0.0	9.5	*
Stroke	10	60.0	27.2	*	60.0	34.4	*	70.0	39.8	*
Hip Fracture	2	0.0	4.3	*	0.0	8.5	*	0.0	11.6	*
Sepsis	1	0.0	18.1	*	0.0	24.7	*	0.0	29.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	4	0.0	0.7	*	0.0	1.7	*	0.0	2.9	*
Cholecystectomy	2	0.0	0.5	*	0.0	1.0	*	0.0	1.4	*
Hysterectomy	1	0.0	0.1	*	0.0	0.1	*	0.0	0.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	164	9.1	7.8	4.5	15.9	11.9	4.2	17.7	15.5	4.3
CONDITIONS:										
Acute Myocardial Infarction	3	66.7	42.0	*	66.7	48.4	*	66.7	53.8	*
Congestive Heart Failure	3	0.0	16.1	*	33.3	26.4	*	33.3	34.6	*
Pneumonia/Influenza	21	19.0	14.9	*	28.6	20.8	*	28.6	25.6	*
Chronic Obstructive Pulmonary Disease	3	0.0	6.3	*	0.0	11.9	*	0.0	16.5	*
Transient Cerebral Ischemia	4	0.0	2.8	*	0.0	6.4	*	25.0	10.3	*
Stroke	9	22.2	23.1	*	33.3	29.5	*	33.3	34.4	*
Hip Fracture	3	33.3	6.1	*	33.3	11.0	*	33.3	14.1	*
Sepsis	1	0.0	32.6	*	0.0	38.0	*	0.0	44.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	4	0.0	1.7	*	0.0	4.7	*	0.0	8.5	*
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

STURGIS COMMUNITY HEALTH CARE CENTER

949 Harmon Box 279
Sturgis, SD 57785

Medicare Provider Number: 430028

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	253	9.5	9.4	2.3	10.7	14.5	2.5	13.8	18.5	2.9
CONDITIONS:										
Acute Myocardial Infarction	8	12.5	30.1	*	12.5	33.6	*	12.5	37.3	*
Congestive Heart Failure	31	22.6	18.3	*	22.6	28.2	*	32.3	35.7	*
Pneumonia/Influenza	18	5.6	13.5	*	11.1	18.5	*	11.1	22.8	*
Chronic Obstructive Pulmonary Disease	11	0.0	3.5	*	0.0	7.3	*	0.0	10.9	*
Transient Cerebral Ischemia	2	0.0	1.6	*	0.0	3.6	*	0.0	5.7	*
Stroke	13	38.5	18.4	*	46.2	27.2	*	53.8	32.2	*
Hip Fracture	7	0.0	4.9	*	0.0	9.1	*	0.0	12.2	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	5.3	*	0.0	10.1	*	0.0	13.4	*
Open Reduction of Hip Fracture	2	0.0	5.3	*	0.0	10.5	*	0.0	14.3	*
Prostatectomy	12	0.0	0.6	*	0.0	1.4	*	0.0	2.5	*
Cholecystectomy	1	0.0	0.9	*	0.0	1.7	*	0.0	2.4	*
Hysterectomy	4	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	114
Occupancy Rate	83
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	8
Percent of Physicians Board Certified Specialists	50
Medical Residents/Interns	0
Registered Nurses	15
Licensed Practical Nurses	6

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

STURGIS COMMUNITY HEALTH CARE CENTER

Medicare Provider Number: 430028

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	291	7.9	9.3	2.1	12.7	13.9	2.6	14.8	17.8	3.8
CONDITIONS:										
Acute Myocardial Infarction	19	31.6	33.7	*	31.6	37.5	*	31.6	41.6	*
Congestive Heart Failure	23	4.3	15.4	*	21.7	23.5	*	21.7	30.0	*
Pneumonia/Influenza	28	10.7	17.7	*	21.4	24.2	*	25.0	29.1	*
Chronic Obstructive Pulmonary Disease	10	0.0	4.7	*	0.0	8.8	*	0.0	12.5	*
Transient Cerebral Ischemia	6	0.0	2.6	*	16.7	5.7	*	16.7	9.0	*
Stroke	11	9.1	16.7	*	27.3	23.7	*	36.4	28.3	*
Hip Fracture	4	25.0	6.3	*	50.0	11.9	*	50.0	15.6	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	3.0	*	0.0	7.6	*	0.0	12.3	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	10	0.0	0.8	*	0.0	2.1	*	0.0	3.6	*
Cholecystectomy	5	0.0	3.3	*	0.0	6.8	*	0.0	9.4	*
Hysterectomy	2	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	311	8.4	10.0	1.9	11.9	15.1	2.7	14.5	19.2	3.5
CONDITIONS:										
Acute Myocardial Infarction	16	25.0	37.3	*	37.5	40.5	*	37.5	44.3	*
Congestive Heart Failure	21	9.5	18.0	*	9.5	26.9	*	9.5	34.0	*
Pneumonia/Influenza	24	4.2	17.1	*	12.5	23.0	*	25.0	28.0	*
Chronic Obstructive Pulmonary Disease	6	16.7	8.5	*	16.7	15.6	*	16.7	21.3	*
Transient Cerebral Ischemia	4	0.0	1.5	*	0.0	3.1	*	0.0	4.8	*
Stroke	10	50.0	30.0	*	50.0	37.3	*	50.0	42.1	*
Hip Fracture	9	11.1	10.8	*	11.1	18.5	*	11.1	23.2	*
Sepsis	1	0.0	37.6	*	0.0	43.0	*	0.0	48.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	7.8	*	0.0	16.4	*	0.0	23.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	33.3	6.6	*	33.3	12.7	*	33.3	17.1	*
Open Reduction of Hip Fracture	2	0.0	11.1	*	0.0	19.0	*	0.0	23.4	*
Prostatectomy	13	7.7	2.3	*	15.4	5.9	*	15.4	10.0	*
Cholecystectomy	4	0.0	1.3	*	0.0	2.2	*	0.0	2.9	*
Hysterectomy	3	0.0	0.4	*	0.0	0.8	*	0.0	1.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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STURGIS COMMUNITY HEALTH CARE CENTER
Sturgis, SD

Provider Number: 430028

The hospital's comments consisted primarily of annotations to the patient-specific information and/or the hospital characteristics generated by the Health Care Financing Administration and provided to the hospital. We did not publish this annotated information.

WESKOTA MEMORIAL MEDICAL CENTER

601 1st St NE
Wessington Springs, SD 5738

Medicare Provider Number: 430066

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	115	8.7	13.3	5.3	14.8	19.4	6.3	20.0	24.2	7.4
CONDITIONS:										
Acute Myocardial Infarction	9	33.3	35.5	*	33.3	41.3	*	33.3	45.6	*
Congestive Heart Failure	10	0.0	11.1	*	0.0	17.5	*	0.0	23.4	*
Pneumonia/Influenza	14	14.3	16.9	*	21.4	22.8	*	28.6	27.6	*
Chronic Obstructive Pulmonary Disease	1	0.0	7.6	*	0.0	13.6	*	0.0	17.6	*
Transient Cerebral Ischemia	1	0.0	1.8	*	0.0	3.7	*	0.0	5.8	*
Stroke	4	50.0	28.7	*	50.0	36.4	*	50.0	41.7	*
Hip Fracture	2	0.0	4.4	*	0.0	8.4	*	50.0	11.2	*
Sepsis	3	0.0	23.1	*	33.3	30.3	*	66.7	36.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	28
Occupancy Rate	36
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	1
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	8
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

WESKOTA MEMORIAL MEDICAL CENTER

Medicare Provider Number: 430066

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	121	11.6	14.4	3.8	14.9	20.8	4.9	18.2	25.6	5.6
CONDITIONS:										
Acute Myocardial Infarction	8	37.5	43.4	*	37.5	48.6	*	50.0	52.6	*
Congestive Heart Failure	7	14.3	17.6	*	14.3	29.1	*	42.9	37.8	*
Pneumonia/Influenza	22	18.2	22.3	*	22.7	29.4	*	22.7	34.1	*
Chronic Obstructive Pulmonary Disease	2	0.0	5.2	*	50.0	10.2	*	50.0	14.9	*
Transient Cerebral Ischemia	1	0.0	2.8	*	0.0	5.6	*	0.0	8.8	*
Stroke	5	0.0	23.3	*	0.0	30.2	*	0.0	35.2	*
Hip Fracture	0									
Sepsis	4	25.0	23.5	*	25.0	30.6	*	25.0	36.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	122	8.2	11.2	4.0	10.7	16.9	5.4	15.6	21.7	5.5
CONDITIONS:										
Acute Myocardial Infarction	2	50.0	27.9	*	50.0	37.8	*	50.0	43.2	*
Congestive Heart Failure	10	10.0	18.3	*	10.0	27.8	*	20.0	35.4	*
Pneumonia/Influenza	23	17.4	17.5	*	21.7	23.0	*	26.1	27.3	*
Chronic Obstructive Pulmonary Disease	4	0.0	7.4	*	0.0	15.4	*	25.0	22.5	*
Transient Cerebral Ischemia	1	0.0	4.3	*	0.0	9.4	*	0.0	15.4	*
Stroke	6	33.3	27.5	*	33.3	36.0	*	50.0	42.0	*
Hip Fracture	1	0.0	8.5	*	0.0	14.7	*	0.0	18.1	*
Sepsis	1	0.0	9.0	*	0.0	12.9	*	0.0	16.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

Utah

ALLEN MEMORIAL HOSPITAL

719 West 4th North
Moab, UT 84532

Medicare Provider Number: 460016

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	83	10.8	10.6	4.2	14.5	14.8	4.1	16.9	18.3	4.4
CONDITIONS:										
Acute Myocardial Infarction	3	0.0	25.3	*	0.0	28.3	*	0.0	31.6	*
Congestive Heart Failure	5	20.0	8.3	*	20.0	12.7	*	20.0	17.1	*
Pneumonia/Influenza	3	0.0	11.8	*	0.0	16.6	*	0.0	20.9	*
Chronic Obstructive Pulmonary Disease	7	14.3	8.1	*	14.3	13.8	*	28.6	18.7	*
Transient Cerebral Ischemia	1	0.0	2.5	*	0.0	6.2	*	0.0	10.4	*
Stroke	2	0.0	25.2	*	0.0	35.8	*	0.0	42.6	*
Hip Fracture	0									
Sepsis	3	66.7	35.5	*	66.7	46.0	*	66.7	53.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	1	0.0	0.5	*	0.0	0.8	*	0.0	1.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	32
Occupancy Rate	59
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	3
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	7
Licensed Practical Nurses	8

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ALLEN MEMORIAL HOSPITAL

Medicare Provider Number: 460016

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	72	11.1	7.1	3.8	15.3	10.8	4.4	18.1	14.0	4.9
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	14.8	*	0.0	16.3	*	0.0	18.5	*
Congestive Heart Failure	1	0.0	10.9	*	0.0	16.3	*	0.0	21.5	*
Pneumonia/Influenza	6	0.0	10.3	*	0.0	14.3	*	16.7	17.6	*
Chronic Obstructive Pulmonary Disease	3	66.7	8.7	*	66.7	14.2	*	66.7	19.2	*
Transient Cerebral Ischemia	3	0.0	2.1	*	0.0	4.8	*	33.3	7.8	*
Stroke	4	0.0	20.8	*	50.0	28.0	*	50.0	33.6	*
Hip Fracture	1	0.0	5.3	*	0.0	10.5	*	0.0	14.1	*
Sepsis	1	0.0	26.1	*	0.0	30.1	*	0.0	35.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	4.5	*	0.0	9.4	*	0.0	13.0	*
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	66	19.7	11.0	6.3	27.3	15.5	5.9	31.8	19.1	6.5
CONDITIONS:										
Acute Myocardial Infarction	2	0.0	23.2	*	0.0	25.1	*	0.0	27.5	*
Congestive Heart Failure	1	0.0	12.1	*	0.0	18.6	*	100.0	24.4	*
Pneumonia/Influenza	7	14.3	11.0	*	28.6	15.0	*	42.9	18.4	*
Chronic Obstructive Pulmonary Disease	1	0.0	12.0	*	0.0	17.7	*	100.0	22.0	*
Transient Cerebral Ischemia	1	0.0	4.1	*	0.0	10.6	*	0.0	17.7	*
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	0.8	*	0.0	1.5	*	0.0	2.0	*
Hysterectomy	1	0.0	0.3	*	0.0	0.6	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ALTA VIEW HOSPITAL

9660 South 1300 East
Sandy, UT 84070

Medicare Provider Number: 460044

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	428	11.7	9.0	1.8	17.5	12.9	2.5	20.8	16.0	2.7
CONDITIONS:										
Acute Myocardial Infarction	19	31.6	24.9	*	36.8	27.8	*	42.1	31.0	*
Congestive Heart Failure	26	15.4	15.3	*	26.9	23.9	*	34.6	30.7	*
Pneumonia/Influenza	22	9.1	13.9	*	13.6	19.3	*	13.6	23.8	*
Chronic Obstructive Pulmonary Disease	12	16.7	6.6	*	16.7	12.6	*	16.7	18.2	*
Transient Cerebral Ischemia	4	0.0	1.7	*	0.0	3.5	*	0.0	5.5	*
Stroke	15	33.3	19.8	*	40.0	25.2	*	46.7	29.3	*
Hip Fracture	25	4.0	5.8	*	12.0	10.6	*	20.0	14.0	*
Sepsis	1	100.0	17.2	*	100.0	25.2	*	100.0	30.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	5.4	*	0.0	11.7	*	0.0	17.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	16.7	6.4	*	16.7	12.0	*	16.7	15.9	*
Open Reduction of Hip Fracture	12	0.0	5.5	*	8.3	10.2	*	25.0	13.3	*
Prostatectomy	17	0.0	0.5	*	5.9	1.2	*	5.9	2.0	*
Cholecystectomy	16	0.0	1.7	*	0.0	2.7	*	0.0	3.4	*
Hysterectomy	7	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	70
Occupancy Rate	51
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	116
Percent of Physicians Board Certified Specialists	66
Medical Residents/Interns	0
Registered Nurses	112
Licensed Practical Nurses	19

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ALTA VIEW HOSPITAL

Medicare Provider Number: 460044

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	410	9.8	8.0	1.6	15.6	11.8	2.5	19.0	15.0	2.8
CONDITIONS:										
Acute Myocardial Infarction	20	15.0	25.5	*	20.0	29.7	*	20.0	33.4	*
Congestive Heart Failure	23	21.7	14.1	*	30.4	22.0	*	39.1	28.5	*
Pneumonia/Influenza	30	13.3	13.3	*	16.7	18.0	*	16.7	21.8	*
Chronic Obstructive Pulmonary Disease	13	30.8	7.5	*	38.5	13.0	*	53.8	18.1	*
Transient Cerebral Ischemia	1	0.0	1.7	*	0.0	3.4	*	0.0	5.2	*
Stroke	10	40.0	20.0	*	50.0	25.6	*	50.0	29.7	*
Hip Fracture	18	0.0	5.5	*	22.2	10.0	*	22.2	13.1	*
Sepsis	2	50.0	8.5	*	50.0	17.2	*	50.0	24.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	5.8	*	0.0	12.1	*	0.0	18.8	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	3.6	*	0.0	6.9	*	0.0	9.3	*
Open Reduction of Hip Fracture	12	0.0	5.4	*	33.3	10.1	*	33.3	13.2	*
Prostatectomy	10	0.0	0.6	*	0.0	1.5	*	0.0	2.5	*
Cholecystectomy	17	0.0	5.5	*	11.8	7.7	*	11.8	9.1	*
Hysterectomy	7	0.0	0.3	*	0.0	0.6	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	374	10.2	7.8	2.4	15.0	11.5	2.6	17.4	14.6	2.8
CONDITIONS:										
Acute Myocardial Infarction	22	22.7	23.8	*	36.4	27.4	*	40.9	31.1	*
Congestive Heart Failure	20	5.0	13.1	*	5.0	19.7	*	10.0	25.6	*
Pneumonia/Influenza	28	10.7	14.0	*	17.9	19.0	*	21.4	23.2	*
Chronic Obstructive Pulmonary Disease	12	16.7	7.7	*	25.0	14.0	*	25.0	19.6	*
Transient Cerebral Ischemia	3	0.0	1.8	*	0.0	4.1	*	0.0	6.6	*
Stroke	15	40.0	18.8	*	40.0	24.5	*	40.0	28.9	*
Hip Fracture	14	0.0	5.8	*	0.0	10.9	*	0.0	14.4	*
Sepsis	2	50.0	8.9	*	50.0	11.8	*	50.0	14.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	25.0	6.3	*	25.0	11.0	*	25.0	14.3	*
Open Reduction of Hip Fracture	7	0.0	3.9	*	0.0	8.1	*	0.0	11.2	*
Prostatectomy	4	0.0	0.8	*	0.0	1.9	*	0.0	3.2	*
Cholecystectomy	10	0.0	2.4	*	10.0	4.7	*	10.0	6.4	*
Hysterectomy	4	0.0	0.3	*	0.0	0.4	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

AMERICAN FORK HOSPITAL

170 North 1100 East
American Fork, UT 84003

Medicare Provider Number: 460023

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	581	9.8	6.8	1.5	13.9	10.0	1.9	16.0	12.6	1.8
CONDITIONS:										
Acute Myocardial Infarction	19	36.8	22.7	*	36.8	25.3	*	36.8	28.4	*
Congestive Heart Failure	24	25.0	13.0	*	33.3	20.6	*	41.7	27.0	*
Pneumonia/Influenza	36	19.4	14.0	*	19.4	19.1	*	27.8	23.2	*
Chronic Obstructive Pulmonary Disease	8	12.5	3.1	*	25.0	5.8	*	25.0	8.3	*
Transient Cerebral Ischemia	8	0.0	1.1	*	0.0	2.2	*	0.0	3.4	*
Stroke	12	25.0	19.6	*	33.3	25.4	*	33.3	29.8	*
Hip Fracture	9	22.2	5.6	*	33.3	10.4	*	33.3	13.9	*
Sepsis	8	12.5	23.2	*	25.0	28.9	*	25.0	34.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.0	*	0.0	2.1	*	0.0	3.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	16	6.3	2.3	*	12.5	4.3	*	12.5	5.8	*
Open Reduction of Hip Fracture	3	33.3	3.9	*	33.3	7.7	*	33.3	10.5	*
Prostatectomy	36	0.0	0.4	*	0.0	1.0	*	2.8	1.8	*
Cholecystectomy	19	5.3	2.8	*	10.5	4.5	*	10.5	5.5	*
Hysterectomy	7	0.0	0.3	*	0.0	0.6	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	60
Occupancy Rate	55
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	42
Percent of Physicians Board Certified Specialists	76
Medical Residents/Interns	0
Registered Nurses	79
Licensed Practical Nurses	17

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

AMERICAN FORK HOSPITAL

Medicare Provider Number: 460023

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	597	7.5	7.5	1.3	11.7	11.0	1.8	14.6	14.0	2.0
CONDITIONS:										
Acute Myocardial Infarction	17	17.6	28.0	*	17.6	31.4	*	17.6	35.2	*
Congestive Heart Failure	21	9.5	12.2	*	23.8	18.6	*	28.6	24.4	*
Pneumonia/Influenza	62	16.1	14.7	5.0	22.6	20.0	7.3	24.2	24.3	8.5
Chronic Obstructive Pulmonary Disease	2	0.0	3.2	*	0.0	5.5	*	0.0	7.8	*
Transient Cerebral Ischemia	9	0.0	2.1	*	0.0	4.7	*	0.0	7.5	*
Stroke	20	30.0	20.3	*	40.0	25.8	*	45.0	30.1	*
Hip Fracture	17	5.9	6.8	*	5.9	12.1	*	11.8	15.4	*
Sepsis	8	25.0	27.6	*	25.0	33.1	*	25.0	39.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	50.0	7.9	*	50.0	14.3	*	50.0	18.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	12	0.0	1.7	*	0.0	2.9	*	0.0	3.7	*
Open Reduction of Hip Fracture	9	0.0	4.8	*	0.0	9.4	*	11.1	12.6	*
Prostatectomy	39	0.0	0.8	*	0.0	1.8	*	0.0	2.9	*
Cholecystectomy	24	0.0	1.6	*	4.2	3.0	*	4.2	4.0	*
Hysterectomy	12	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	529	9.5	8.3	2.1	14.7	11.8	2.4	17.0	14.8	2.2
CONDITIONS:										
Acute Myocardial Infarction	21	33.3	33.2	*	38.1	36.7	*	38.1	40.9	*
Congestive Heart Failure	23	26.1	12.4	*	34.8	19.3	*	34.8	25.3	*
Pneumonia/Influenza	42	16.7	14.7	*	26.2	20.3	*	35.7	24.9	*
Chronic Obstructive Pulmonary Disease	4	25.0	11.7	*	50.0	19.7	*	50.0	25.2	*
Transient Cerebral Ischemia	7	0.0	1.8	*	0.0	3.9	*	0.0	6.3	*
Stroke	19	21.1	16.2	*	36.8	22.1	*	36.8	26.6	*
Hip Fracture	10	0.0	5.9	*	0.0	10.6	*	0.0	13.8	*
Sepsis	9	22.2	25.7	*	22.2	30.7	*	22.2	35.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.6	*	0.0	4.0	*	0.0	6.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	12	0.0	2.5	*	0.0	4.6	*	0.0	6.1	*
Open Reduction of Hip Fracture	4	0.0	5.4	*	0.0	10.3	*	0.0	13.7	*
Prostatectomy	25	4.0	0.9	*	4.0	2.4	*	4.0	4.2	*
Cholecystectomy	24	8.3	2.2	*	8.3	4.0	*	8.3	5.4	*
Hysterectomy	1	0.0	5.6	*	0.0	13.0	*	0.0	20.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ASHLEY VALLEY MEDICAL CENTER

151 West 200 North
Vernal, UT 84078

Medicare Provider Number: 460030

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	201	8.5	10.6	3.8	14.4	14.9	3.9	16.9	18.3	3.1
CONDITIONS:										
Acute Myocardial Infarction	11	18.2	20.2	*	27.3	23.0	*	27.3	25.9	*
Congestive Heart Failure	11	9.1	13.8	*	18.2	21.1	*	18.2	27.7	*
Pneumonia/Influenza	10	20.0	15.7	*	30.0	21.9	*	40.0	26.9	*
Chronic Obstructive Pulmonary Disease	2	0.0	8.3	*	50.0	13.0	*	50.0	17.1	*
Transient Cerebral Ischemia	3	0.0	2.0	*	0.0	4.5	*	0.0	7.3	*
Stroke	5	20.0	19.3	*	20.0	23.8	*	20.0	27.7	*
Hip Fracture	3	0.0	4.1	*	0.0	7.1	*	0.0	9.5	*
Sepsis	5	0.0	38.6	*	20.0	45.8	*	20.0	51.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	3.6	*	0.0	7.1	*	0.0	9.6	*
Open Reduction of Hip Fracture	1	0.0	5.7	*	0.0	8.9	*	0.0	10.8	*
Prostatectomy	7	0.0	0.3	*	0.0	0.8	*	0.0	1.3	*
Cholecystectomy	6	0.0	0.6	*	0.0	1.1	*	0.0	1.4	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	33
Occupancy Rate	33
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	11
Percent of Physicians Board Certified Specialists	82
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ASHLEY VALLEY MEDICAL CENTER

Medicare Provider Number: 460030

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	203	11.8	7.5	2.8	17.2	11.8	3.2	19.2	15.5	3.0
CONDITIONS:										
Acute Myocardial Infarction	7	42.9	20.1	*	42.9	23.0	*	42.9	26.4	*
Congestive Heart Failure	12	33.3	18.0	*	33.3	27.8	*	33.3	36.0	*
Pneumonia/Influenza	9	11.1	14.6	*	22.2	20.1	*	22.2	24.6	*
Chronic Obstructive Pulmonary Disease	7	14.3	5.7	*	42.9	10.0	*	42.9	13.9	*
Transient Cerebral Ischemia	1	0.0	2.7	*	0.0	5.7	*	0.0	8.9	*
Stroke	2	0.0	22.7	*	0.0	30.4	*	0.0	36.2	*
Hip Fracture	3	66.7	4.5	*	66.7	7.9	*	66.7	10.3	*
Sepsis	2	50.0	33.7	*	50.0	39.3	*	50.0	46.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	6.3	*	0.0	10.3	*	0.0	12.5	*
Prostatectomy	9	0.0	0.5	*	0.0	1.1	*	0.0	1.9	*
Cholecystectomy	3	0.0	2.0	*	0.0	3.5	*	0.0	4.4	*
Hysterectomy	1	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	193	9.8	7.8	3.6	13.0	11.6	3.6	16.1	14.9	3.4
CONDITIONS:										
Acute Myocardial Infarction	8	50.0	23.3	*	50.0	26.7	*	50.0	30.2	*
Congestive Heart Failure	11	18.2	14.5	*	18.2	21.3	*	18.2	27.3	*
Pneumonia/Influenza	5	20.0	14.1	*	40.0	18.9	*	40.0	22.8	*
Chronic Obstructive Pulmonary Disease	10	0.0	9.3	*	0.0	15.7	*	0.0	20.8	*
Transient Cerebral Ischemia	3	0.0	2.4	*	0.0	5.2	*	0.0	8.3	*
Stroke	8	37.5	20.4	*	37.5	26.3	*	50.0	30.9	*
Hip Fracture	5	40.0	5.4	*	40.0	9.5	*	60.0	12.2	*
Sepsis	2	50.0	33.2	*	50.0	44.1	*	50.0	52.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	50.0	3.0	*	50.0	5.9	*	50.0	8.2	*
Open Reduction of Hip Fracture	3	33.3	5.0	*	33.3	8.9	*	66.7	11.2	*
Prostatectomy	9	0.0	0.3	*	0.0	0.7	*	0.0	1.3	*
Cholecystectomy	4	0.0	0.5	*	0.0	1.0	*	0.0	1.3	*
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

BEAR RIVER VALLEY HOSPITAL

440 W 600 N
Tremonton, UT 84337

Medicare Provider Number: 460039

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	56	7.1	7.4	4.5	8.9	11.3	4.7	14.3	14.5	5.1
CONDITIONS:										
Acute Myocardial Infarction	2	50.0	18.9	*	50.0	22.5	*	100.0	26.2	*
Congestive Heart Failure	4	50.0	17.9	*	50.0	28.1	*	75.0	36.4	*
Pneumonia/Influenza	10	10.0	15.0	*	10.0	20.1	*	20.0	24.3	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	1	0.0	17.7	*	0.0	22.9	*	0.0	27.1	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	3	0.0	0.6	*	0.0	1.6	*	0.0	2.8	*
Cholecystectomy	2	0.0	1.2	*	0.0	2.2	*	0.0	2.9	*
Hysterectomy	2	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	20
Occupancy Rate	15
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	15
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	7
Licensed Practical Nurses	1

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

BEAR RIVER VALLEY HOSPITAL

Medicare Provider Number: 460039

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	66	19.7	9.3	6.1	22.7	14.0	6.0	24.2	17.8	5.7
CONDITIONS:										
Acute Myocardial Infarction	3	0.0	9.3	*	0.0	13.2	*	0.0	16.8	*
Congestive Heart Failure	3	33.3	14.0	*	33.3	22.4	*	33.3	29.1	*
Pneumonia/Influenza	7	14.3	13.0	*	14.3	17.5	*	28.6	21.4	*
Chronic Obstructive Pulmonary Disease	1	0.0	5.0	*	0.0	9.8	*	0.0	14.2	*
Transient Cerebral Ischemia	1	0.0	1.3	*	0.0	2.8	*	0.0	4.3	*
Stroke	2	100.0	22.4	*	100.0	28.5	*	100.0	33.4	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	3	0.0	1.9	*	33.3	4.7	*	33.3	7.8	*
Cholecystectomy	3	0.0	1.0	*	0.0	1.7	*	0.0	2.2	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	80	6.3	5.9	2.7	8.7	9.6	3.5	11.2	12.9	4.1
CONDITIONS:										
Acute Myocardial Infarction	3	33.3	17.8	*	33.3	21.1	*	33.3	24.7	*
Congestive Heart Failure	8	12.5	12.2	*	37.5	19.2	*	37.5	25.4	*
Pneumonia/Influenza	8	12.5	14.0	*	12.5	19.5	*	12.5	23.8	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	3	0.0	2.4	*	0.0	6.0	*	0.0	10.3	*
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	1.5	*	0.0	2.3	*	0.0	2.9	*
Hysterectomy	1	0.0	0.1	*	0.0	0.3	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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BEAR RIVER
VALLEY HOSPITAL

440 West 600 North
Tremonton, Utah 84337 / 801-257-7441
Robert F. Jex, Administrator

Health Care Financing Administration
Health Standards and Quality Bureau
Attn: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Blvd.
Baltimore, Maryland 21207

Mediare Provider # 460039

10 December 1990

Dear Mrs. Kappert,

In response to the Medicare Mortality Rates for Bear River Valley Hospital, I would like to point out the low number of cases in the areas that fall outside of the predicted rates. I would think that this would seriously bias the inference of your data.

We tend to have low numbers in these conditions because we transfer the majority of our Myocardial Infarctions and Congestive Heart Failure patients to other facilities. Those that we keep are so unstable that they are not good risks for transfer--hence the higer mortality rate.

I submit that the predicted rate of mortality from all causes more accurately indicates the expected mortality rate at Bear River Valley Hospital among those over 65. The mortality rate for all patients is substantially lower than that indicated by your study.

Sincerely,

Robert F. Jex

Robert F. Jex
Administrator

member of INTERMOUNTAIN HEALTH CARE, INC./ A community hospital system serving the Intermountain West

BEAVER VALLEY HOSPITAL

85 North 400 East
Beaver, UT 84713

Medicare Provider Number: 460035

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	114	7.0	9.3	3.3	9.6	13.4	4.7	11.4	16.9	5.7
CONDITIONS:										
Acute Myocardial Infarction	5	20.0	21.5	*	20.0	25.1	*	20.0	29.0	*
Congestive Heart Failure	16	12.5	13.0	*	18.8	20.6	*	18.8	27.2	*
Pneumonia/Influenza	12	8.3	12.4	*	8.3	17.4	*	16.7	21.5	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	4	25.0	16.9	*	25.0	22.3	*	25.0	26.7	*
Hip Fracture	0									
Sepsis	1	0.0	36.3	*	0.0	44.1	*	0.0	52.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	0.8	*	0.0	1.3	*	0.0	1.7	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	36
Occupancy Rate	69
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	4
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	6
Licensed Practical Nurses	1

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

BEAVER VALLEY HOSPITAL

Medicare Provider Number: 460035

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	120	5.8	8.7	3.7	9.2	12.5	4.5	11.7	15.9	4.4
CONDITIONS:										
Acute Myocardial Infarction	4	25.0	32.4	*	25.0	36.0	*	25.0	39.7	*
Congestive Heart Failure	19	5.3	11.3	*	15.8	17.6	*	21.1	23.2	*
Pneumonia/Influenza	13	0.0	12.0	*	0.0	16.8	*	0.0	20.9	*
Chronic Obstructive Pulmonary Disease	1	100.0	5.1	*	100.0	9.1	*	100.0	12.9	*
Transient Cerebral Ischemia	2	0.0	1.6	*	0.0	3.5	*	0.0	5.6	*
Stroke	2	50.0	19.9	*	50.0	26.8	*	50.0	31.9	*
Hip Fracture	0									
Sepsis	1	0.0	15.8	*	100.0	18.8	*	100.0	22.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	99	12.1	8.8	6.1	19.2	13.3	6.2	21.2	17.1	5.7
CONDITIONS:										
Acute Myocardial Infarction	6	16.7	25.6	*	16.7	28.4	*	16.7	31.8	*
Congestive Heart Failure	12	16.7	14.0	*	16.7	21.8	*	16.7	28.7	*
Pneumonia/Influenza	12	16.7	12.1	*	25.0	16.5	*	33.3	20.5	*
Chronic Obstructive Pulmonary Disease	2	0.0	9.4	*	0.0	14.7	*	0.0	19.1	*
Transient Cerebral Ischemia	2	50.0	1.9	*	50.0	4.3	*	50.0	6.9	*
Stroke	3	66.7	16.6	*	66.7	22.2	*	66.7	26.8	*
Hip Fracture	2	50.0	11.2	*	50.0	23.2	*	50.0	32.6	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

BRIGHAM CITY COMMUNITY HOSPITAL

950 S 5th W
Brigham City, UT 84302

Medicare Provider Number: 460017

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	285	9.1	8.9	1.7	11.9	13.0	2.3	14.4	16.2	3.2
CONDITIONS:										
Acute Myocardial Infarction	18	22.2	22.4	*	22.2	24.8	*	22.2	27.8	*
Congestive Heart Failure	8	25.0	14.6	*	37.5	23.2	*	37.5	29.8	*
Pneumonia/Influenza	20	5.0	13.7	*	5.0	18.9	*	5.0	23.0	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	0.0	1.6	*	0.0	3.1	*	0.0	4.9	*
Stroke	15	20.0	18.6	*	20.0	26.0	*	26.7	31.0	*
Hip Fracture	15	13.3	7.1	*	13.3	12.7	*	20.0	16.5	*
Sepsis	5	20.0	30.8	*	20.0	42.6	*	40.0	50.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	3.6	*	0.0	7.3	*	0.0	10.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	13	7.7	4.1	*	7.7	7.4	*	15.4	9.7	*
Open Reduction of Hip Fracture	6	16.7	7.1	*	16.7	13.6	*	16.7	18.2	*
Prostatectomy	0									
Cholecystectomy	6	0.0	3.3	*	33.3	6.8	*	33.3	9.6	*
Hysterectomy	8	0.0	1.0	*	0.0	2.4	*	0.0	3.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	49
Occupancy Rate	35
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	17
Percent of Physicians Board Certified Specialists	65
Medical Residents/Interns	0
Registered Nurses	36
Licensed Practical Nurses	8

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

BRIGHAM CITY COMMUNITY HOSPITAL

Medicare Provider Number: 460017

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	261	8.8	9.1	2.2	12.3	12.9	3.0	14.6	15.9	2.8
CONDITIONS:										
Acute Myocardial Infarction	8	12.5	21.1	*	25.0	23.9	*	25.0	26.9	*
Congestive Heart Failure	9	0.0	14.5	*	22.2	22.7	*	22.2	29.4	*
Pneumonia/Influenza	15	20.0	15.3	*	33.3	21.0	*	40.0	25.5	*
Chronic Obstructive Pulmonary Disease	3	0.0	5.0	*	0.0	8.9	*	0.0	12.3	*
Transient Cerebral Ischemia	4	0.0	1.3	*	0.0	2.8	*	0.0	4.2	*
Stroke	11	9.1	21.3	*	9.1	30.2	*	18.2	35.7	*
Hip Fracture	11	9.1	6.4	*	9.1	12.4	*	9.1	16.5	*
Sepsis	4	25.0	38.7	*	25.0	46.3	*	25.0	53.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.1	*	0.0	2.4	*	0.0	3.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	11	9.1	2.6	*	9.1	5.3	*	9.1	7.3	*
Open Reduction of Hip Fracture	5	0.0	6.6	*	0.0	13.0	*	0.0	17.5	*
Prostatectomy	9	0.0	0.4	*	0.0	0.9	*	0.0	1.5	*
Cholecystectomy	18	0.0	2.6	*	0.0	4.4	*	0.0	5.6	*
Hysterectomy	2	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	304	9.5	7.5	2.7	13.2	11.3	3.6	16.4	14.3	3.2
CONDITIONS:										
Acute Myocardial Infarction	8	50.0	27.6	*	62.5	30.1	*	62.5	33.2	*
Congestive Heart Failure	12	16.7	13.2	*	16.7	19.9	*	16.7	26.1	*
Pneumonia/Influenza	13	15.4	17.2	*	23.1	23.5	*	30.8	28.5	*
Chronic Obstructive Pulmonary Disease	4	0.0	11.0	*	25.0	18.4	*	25.0	24.3	*
Transient Cerebral Ischemia	1	0.0	0.9	*	0.0	1.9	*	0.0	3.0	*
Stroke	6	16.7	21.0	*	33.3	28.4	*	33.3	33.5	*
Hip Fracture	13	7.7	6.5	*	23.1	12.1	*	30.8	15.8	*
Sepsis	3	0.0	28.0	*	0.0	33.3	*	0.0	38.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.6	*	0.0	3.2	*	0.0	4.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	15	6.7	3.5	*	13.3	7.4	*	20.0	10.6	*
Open Reduction of Hip Fracture	5	0.0	7.3	*	20.0	13.5	*	20.0	17.3	*
Prostatectomy	13	0.0	0.6	*	0.0	1.6	*	0.0	2.7	*
Cholecystectomy	18	0.0	2.0	*	0.0	3.9	*	0.0	5.4	*
Hysterectomy	4	0.0	2.0	*	0.0	4.2	*	0.0	6.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

529.1

BRIGHAM
CITY
COMMUNITY
HOSPITAL

January 14, 1991

Ms. Gale Wilensky, Administrator
Health Care Financing Administration
Health Standards and Quality Bureau
2-D-2 Meadows East Bldg.
6325 Security Blvd.
Baltimore, MD 21207

Dear Ms. Wilensky:

In review of the data presented by HCFA on Mortality rates for Brigham City Community Hospital, the following comments are submitted as supplemental information.

It should be noted that in all areas, the deviation from the Mortality Rate Table for observed and predicted rates is not statistically significant. The confidence interval or range of predicted mortality for all causes of death is noted to be at the 95% confidence level, illustrating that the hospital's actual rate does not deviate from the expected rate or national average.

The additional comments provided will specifically address three-year trends for the areas of Congestive Heart Failure, Hip Fracture and Stroke.

Congestive Heart Failure

1. The mortality rate declined form 1987 to 1988 but increased in 1989. However, the actual number of deaths for 1988 and 1989 remained constant at two (2).
2. Of the deaths occurring for both years, all patients were diagnosed with severe coronary artery disease. In addition, one patient also suffered from terminal cancer.
3. The ages of those patients who died ranged from 65 to 79 years.
4. Only one (1) patient death occurred after the initial 30 day period.
5. As determined by HCFA, the observed rates are not statistically significant due to the small number of total cases: 1987-- 12 cases, 1988-- 9 cases and 1989-- 8 cases.

950 South Fifth West
Brigham City, Utah 84302-3090
Telephone (801) 734-9471

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Hip Fracture

1. The observed mortality rates increased in 1988 and in 1989. However, the actual numbers of deaths for each year were one (1) in 1987 and 1988 and two in (2) 1989. The actual number of total cases increased each year: 1987-- 11 cases, 1988-- 13 cases, and 1989-- 15 cases.

2. In the three deaths occuring during the three-year period, two patients were over the age of 80 years with the third exceeding 90 years.

3. Of the three patient deaths, all exhibited predisposing medical conditions including severe COPD, CHF and, Atrial Fibrillation. In addition to these conditions, one patient was also diagnosed with cancer of the lung.

4. As in the case of Congestive Heart Failure, the numbers are too small to provide accurate statistical comparison.

Stroke

1. The mortality rates increased from 1987 to 1988 and from 1988 to 1989. One (1) death occurred in 1987 and in 1988 with three recorded in 1989. Total cases for 1987, 1988 and 1989 are 6, 11 and 15, respectively.

2. All stroke deaths occurring in 1989 were patients in the age group 74 to 89 years. The complicating conditions of each death include:

   - One patient was transferred to this facility at the family's request due to the patient's terminal condition.

   - In addition to the stroke, one patient had been diagnosed with metastatic cancer and was receiving chemotherapy.

   - During admission of the initial CVA, one patient sustained a second massive CVA.

   - The two (2) other deaths were patients diagnosed with coronary artery disease, atherosclerosis and arrhythmias.

   - There was a significantly larger number of total cases in 1989 than 1987, 6 versus 15, respectively. The variance between the observed rate and the predicted rate narrowed to 1.4% in the initial 30 day period.

CASTLEVIEW HOSPITAL

300 North Hospital Dr
Price, UT 84501

Medicare Provider Number: 460011

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	461	8.7	10.2	2.3	13.7	14.4	3.1	16.7	17.7	2.7
CONDITIONS:										
Acute Myocardial Infarction	14	21.4	27.6	*	21.4	30.1	*	21.4	33.0	*
Congestive Heart Failure	19	0.0	13.5	*	5.3	20.9	*	15.8	27.3	*
Pneumonia/Influenza	56	8.9	12.5	6.0	12.5	17.2	7.4	12.5	21.2	9.1
Chronic Obstructive Pulmonary Disease	8	12.5	10.1	*	25.0	14.5	*	25.0	18.5	*
Transient Cerebral Ischemia	1	0.0	2.1	*	0.0	4.3	*	0.0	6.9	*
Stroke	13	15.4	23.9	*	15.4	29.9	*	23.1	34.6	*
Hip Fracture	11	0.0	6.1	*	0.0	10.4	*	9.1	13.2	*
Sepsis	7	14.3	37.1	*	14.3	42.9	*	28.6	49.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	3.7	*	16.7	6.4	*	16.7	8.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	3.2	*	0.0	5.5	*	0.0	7.4	*
Open Reduction of Hip Fracture	9	0.0	5.6	*	0.0	10.0	*	11.1	12.9	*
Prostatectomy	5	0.0	0.4	*	0.0	1.0	*	0.0	1.6	*
Cholecystectomy	24	4.2	1.5	*	4.2	2.4	*	4.2	3.0	*
Hysterectomy	6	16.7	0.4	*	16.7	0.9	*	33.3	1.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	88
Occupancy Rate	34
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	26
Percent of Physicians Board Certified Specialists	73
Medical Residents/Interns	0
Registered Nurses	40
Licensed Practical Nurses	37

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

CASTLEVIEW HOSPITAL

Medicare Provider Number: 460011

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	555	8.6	9.1	2.0	11.7	13.2	2.4	14.4	16.5	2.8
CONDITIONS:										
Acute Myocardial Infarction	13	38.5	26.9	*	38.5	30.4	*	46.2	33.5	*
Congestive Heart Failure	22	4.5	13.1	*	13.6	20.3	*	13.6	26.6	*
Pneumonia/Influenza	46	4.3	14.6	*	10.9	19.5	*	13.0	23.7	*
Chronic Obstructive Pulmonary Disease	5	0.0	5.3	*	0.0	9.0	*	0.0	12.5	*
Transient Cerebral Ischemia	6	16.7	2.1	*	16.7	4.9	*	16.7	7.8	*
Stroke	20	20.0	19.4	*	20.0	24.3	*	30.0	28.5	*
Hip Fracture	11	0.0	6.7	*	0.0	12.8	*	9.1	16.9	*
Sepsis	6	33.3	23.1	*	50.0	29.1	*	50.0	35.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	0.0	2.2	*	0.0	4.9	*	0.0	7.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	2.8	*	0.0	5.6	*	0.0	7.5	*
Open Reduction of Hip Fracture	9	0.0	6.5	*	0.0	13.0	*	11.1	17.5	*
Prostatectomy	12	0.0	0.4	*	0.0	1.0	*	0.0	1.7	*
Cholecystectomy	28	3.6	2.3	*	3.6	4.1	*	10.7	5.4	*
Hysterectomy	10	0.0	0.3	*	0.0	0.6	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	587	7.7	9.4	1.7	10.9	13.8	2.4	13.8	17.4	2.8
CONDITIONS:										
Acute Myocardial Infarction	21	14.3	28.3	*	14.3	31.1	*	14.3	34.1	*
Congestive Heart Failure	27	11.1	16.2	*	11.1	24.6	*	18.5	31.7	*
Pneumonia/Influenza	51	9.8	15.1	6.9	15.7	20.5	6.8	15.7	25.0	8.6
Chronic Obstructive Pulmonary Disease	4	0.0	6.1	*	0.0	13.1	*	25.0	19.5	*
Transient Cerebral Ischemia	6	0.0	1.9	*	0.0	4.1	*	16.7	6.4	*
Stroke	18	11.1	18.2	*	11.1	24.0	*	11.1	28.4	*
Hip Fracture	15	6.7	8.4	*	6.7	14.7	*	13.3	18.7	*
Sepsis	13	30.8	23.6	*	38.5	29.6	*	38.5	34.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	12	16.7	7.1	*	16.7	11.7	*	16.7	15.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	0.5	*	0.0	0.9	*	0.0	1.2	*
Open Reduction of Hip Fracture	13	7.7	7.1	*	7.7	13.2	*	15.4	17.1	*
Prostatectomy	3	0.0	0.6	*	0.0	1.4	*	0.0	2.2	*
Cholecystectomy	17	0.0	2.6	*	0.0	4.1	*	0.0	5.0	*
Hysterectomy	6	0.0	0.5	*	0.0	1.2	*	0.0	2.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

CENTRAL VALLEY MEDICAL CENTER

549 North 400 East
Nephi, UT 84648

Medicare Provider Number: 460032

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	105	7.6	9.5	4.6	10.5	14.1	5.2	13.3	17.9	6.3
CONDITIONS:										
Acute Myocardial Infarction	4	25.0	38.9	*	25.0	43.4	*	25.0	48.0	*
Congestive Heart Failure	2	100.0	14.0	*	100.0	21.9	*	100.0	28.8	*
Pneumonia/Influenza	13	15.4	21.2	*	23.1	29.0	*	30.8	34.7	*
Chronic Obstructive Pulmonary Disease	1	0.0	12.3	*	0.0	25.9	*	0.0	37.3	*
Transient Cerebral Ischemia	2	0.0	2.0	*	0.0	4.3	*	0.0	6.9	*
Stroke	4	0.0	17.8	*	0.0	23.3	*	0.0	27.8	*
Hip Fracture	1	0.0	4.9	*	0.0	10.4	*	0.0	14.8	*
Sepsis	5	0.0	24.9	*	20.0	31.3	*	20.0	37.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	1.1	*	0.0	1.7	*	0.0	2.1	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	22
Occupancy Rate	23
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	4
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	7
Licensed Practical Nurses	7

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

CENTRAL VALLEY MEDICAL CENTER

Medicare Provider Number: 460032

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	116	11.2	10.6	4.0	12.9	15.4	5.4	15.5	19.3	5.9
CONDITIONS:										
Acute Myocardial Infarction	4	25.0	34.4	*	25.0	37.9	*	25.0	42.5	*
Congestive Heart Failure	7	14.3	16.9	*	14.3	26.1	*	42.9	33.4	*
Pneumonia/Influenza	20	15.0	21.9	*	15.0	28.8	*	15.0	34.0	*
Chronic Obstructive Pulmonary Disease	4	75.0	10.9	*	75.0	20.4	*	75.0	28.1	*
Transient Cerebral Ischemia	1	0.0	1.4	*	0.0	2.9	*	0.0	4.5	*
Stroke	3	33.3	20.3	*	66.7	26.3	*	66.7	31.1	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	6	0.0	1.8	*	0.0	2.9	*	0.0	3.7	*
Hysterectomy	2	0.0	1.8	*	0.0	2.8	*	0.0	3.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	129	7.0	9.7	3.3	14.0	14.4	3.2	15.5	18.4	4.0
CONDITIONS:										
Acute Myocardial Infarction	3	33.3	36.8	*	33.3	42.9	*	33.3	47.8	*
Congestive Heart Failure	5	20.0	18.4	*	20.0	27.2	*	20.0	34.4	*
Pneumonia/Influenza	13	15.4	16.3	*	30.8	21.3	*	30.8	25.7	*
Chronic Obstructive Pulmonary Disease	2	0.0	6.9	*	0.0	15.5	*	0.0	23.2	*
Transient Cerebral Ischemia	3	0.0	2.3	*	0.0	4.7	*	0.0	7.5	*
Stroke	0									
Hip Fracture	0									
Sepsis	3	0.0	32.7	*	0.0	38.8	*	0.0	45.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	0.9	*	0.0	1.6	*	0.0	2.1	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

COTTONWOOD HOSPITAL

5770 S 300 E
Murray, UT 84107

Medicare Provider Number: 460006

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	1,334	9.1	7.8	0.9	13.2	11.5	1.1	16.5	14.6	1.2
CONDITIONS:										
Acute Myocardial Infarction	50	22.0	24.4	*	28.0	27.3	*	30.0	30.4	*
Congestive Heart Failure	38	13.2	13.4	*	23.7	21.0	*	36.8	27.5	*
Pneumonia/Influenza	47	14.9	16.2	*	21.3	21.8	*	27.7	26.3	*
Chronic Obstructive Pulmonary Disease	7	14.3	5.6	*	14.3	10.1	*	57.1	14.4	*
Transient Cerebral Ischemia	14	7.1	1.8	*	7.1	4.1	*	7.1	6.5	*
Stroke	49	18.4	17.3	*	22.4	23.2	*	24.5	27.3	*
Hip Fracture	28	21.4	7.7	*	35.7	13.4	*	35.7	17.2	*
Sepsis	15	20.0	30.3	*	33.3	36.9	*	33.3	42.5	*
PROCEDURES:										
Angioplasty	2	0.0	10.5	*	0.0	11.8	*	0.0	13.3	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	12	0.0	2.0	*	0.0	4.0	*	8.3	6.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	28	7.1	3.3	*	17.9	5.8	*	17.9	7.6	*
Open Reduction of Hip Fracture	14	14.3	6.7	*	21.4	12.4	*	21.4	16.4	*
Prostatectomy	96	0.0	0.9	1.7	2.1	1.9	1.7	3.1	3.1	2.2
Cholecystectomy	40	5.0	2.3	*	7.5	4.0	*	10.0	5.1	*
Hysterectomy	21	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	183
Occupancy Rate	59
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	247
Percent of Physicians Board Certified Specialists	79
Medical Residents/Interns	0
Registered Nurses	127
Licensed Practical Nurses	30

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

COTTONWOOD HOSPITAL

Medicare Provider Number: 460006

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,499	9.3	7.4	0.9	13.6	10.9	1.2	16.5	13.7	1.3
CONDITIONS:										
Acute Myocardial Infarction	52	30.8	29.0	6.6	32.7	32.4	6.7	36.5	36.0	6.8
Congestive Heart Failure	56	26.8	15.8	9.1	33.9	24.1	9.0	39.3	30.9	8.5
Pneumonia/Influenza	63	11.1	15.9	7.4	17.5	21.3	5.9	23.8	25.8	5.9
Chronic Obstructive Pulmonary Disease	15	6.7	7.3	*	20.0	13.0	*	33.3	18.2	*
Transient Cerebral Ischemia	19	0.0	1.4	*	0.0	2.9	*	0.0	4.4	*
Stroke	61	32.8	19.4	7.8	42.6	26.1	8.5	50.8	30.6	9.3
Hip Fracture	39	2.6	6.2	*	7.7	11.1	*	7.7	14.3	*
Sepsis	10	30.0	25.1	*	40.0	30.7	*	40.0	35.9	*
PROCEDURES:										
Angioplasty	1	0.0	2.4	*	0.0	4.8	*	0.0	8.2	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	0.0	9.6	*	0.0	13.9	*	11.1	17.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	32	3.1	3.2	*	6.3	5.9	*	6.3	7.7	*
Open Reduction of Hip Fracture	20	0.0	5.9	*	5.0	11.1	*	5.0	14.5	*
Prostatectomy	103	0.0	0.6	1.7	4.9	1.5	1.9	6.8	2.6	2.5
Cholecystectomy	62	1.6	1.7	2.7	3.2	3.1	3.3	4.8	4.1	2.9
Hysterectomy	21	0.0	0.4	*	0.0	0.8	*	0.0	1.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,491	9.3	8.1	0.9	13.9	11.9	1.1	16.8	15.1	1.4
CONDITIONS:										
Acute Myocardial Infarction	66	24.2	27.0	6.9	25.8	30.1	7.5	28.8	33.3	8.8
Congestive Heart Failure	48	22.9	15.7	*	41.7	23.7	*	50.0	30.4	*
Pneumonia/Influenza	53	18.9	18.1	5.4	26.4	24.5	6.2	32.1	29.4	7.3
Chronic Obstructive Pulmonary Disease	5	0.0	11.8	*	0.0	20.2	*	20.0	26.4	*
Transient Cerebral Ischemia	11	9.1	2.5	*	9.1	5.7	*	9.1	9.3	*
Stroke	70	24.3	22.1	7.8	31.4	28.5	7.0	34.3	32.9	6.0
Hip Fracture	55	10.9	5.9	4.2	18.2	10.7	6.3	25.5	13.9	8.7
Sepsis	14	57.1	29.7	*	57.1	37.7	*	64.3	44.1	*
PROCEDURES:										
Angioplasty	5	0.0	11.3	*	0.0	12.7	*	0.0	14.4	*
Coronary Artery Bypass Graft	1	0.0	2.8	*	0.0	3.4	*	0.0	3.9	*
Initial Pacemaker Insertion	13	0.0	3.4	*	0.0	5.8	*	7.7	7.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	35	5.7	3.9	*	8.6	7.4	*	17.1	10.0	*
Open Reduction of Hip Fracture	28	10.7	5.2	*	17.9	9.9	*	25.0	13.1	*
Prostatectomy	94	0.0	0.9	1.2	1.1	2.1	1.7	4.3	3.6	2.1
Cholecystectomy	49	4.1	2.1	*	8.2	3.6	*	8.2	4.4	*
Hysterectomy	19	0.0	0.3	*	0.0	0.6	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

DELTA COMMUNITY MEDICAL CENTER

126 South White Sage Ave
Delta, UT 84624

Medicare Provider Number: 460027

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	75	6.7	5.8	3.9	12.0	8.8	5.5	14.7	11.6	6.1
CONDITIONS:										
Acute Myocardial Infarction	3	66.7	25.3	*	66.7	28.5	*	66.7	32.1	*
Congestive Heart Failure	1	0.0	14.0	*	0.0	22.0	*	0.0	28.3	*
Pneumonia/Influenza	8	12.5	14.3	*	25.0	20.8	*	25.0	25.4	*
Chronic Obstructive Pulmonary Disease	1	0.0	3.6	*	0.0	6.9	*	0.0	10.1	*
Transient Cerebral Ischemia	2	0.0	1.6	*	0.0	3.4	*	0.0	5.3	*
Stroke	1	0.0	15.7	*	0.0	20.3	*	0.0	24.2	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	20
Occupancy Rate	25
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	5
Percent of Physicians Board Certified Specialists	40
Medical Residents/Interns	0
Registered Nurses	12
Licensed Practical Nurses	5

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

DELTA COMMUNITY MEDICAL CENTER

Medicare Provider Number: 460027

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	81	4.9	7.0	3.6	11.1	10.4	3.6	13.6	13.5	3.8
CONDITIONS:										
Acute Myocardial Infarction	4	25.0	24.9	*	50.0	28.0	*	50.0	31.2	*
Congestive Heart Failure	6	0.0	9.0	*	0.0	14.3	*	16.7	19.4	*
Pneumonia/Influenza	14	0.0	9.4	*	7.1	13.1	*	7.1	16.4	*
Chronic Obstructive Pulmonary Disease	3	0.0	5.9	*	0.0	11.0	*	0.0	16.0	*
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	4	0.0	1.2	*	0.0	3.3	*	0.0	6.1	*
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	58	8.6	7.9	3.7	13.8	12.1	4.8	22.4	15.9	7.1
CONDITIONS:										
Acute Myocardial Infarction	4	0.0	26.2	*	0.0	31.0	*	0.0	35.2	*
Congestive Heart Failure	4	0.0	11.0	*	25.0	17.2	*	25.0	22.7	*
Pneumonia/Influenza	11	9.1	11.4	*	9.1	16.4	*	18.2	20.5	*
Chronic Obstructive Pulmonary Disease	1	0.0	14.7	*	0.0	32.4	*	100.0	46.6	*
Transient Cerebral Ischemia	0									
Stroke	1	100.0	23.0	*	100.0	30.4	*	100.0	36.0	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	2.7	*	0.0	8.0	*	0.0	15.2	*
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

DIXIE MEDICAL CENTER

544 South 400 East
St George, UT 84770

Medicare Provider Number: 460021

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	1,413	7.9	7.6	0.8	11.0	11.5	0.9	14.4	14.7	1.0
CONDITIONS:										
Acute Myocardial Infarction	45	22.2	27.4	*	22.2	30.2	*	24.4	33.4	*
Congestive Heart Failure	38	26.3	15.9	*	26.3	24.4	*	36.8	31.3	*
Pneumonia/Influenza	73	12.3	15.3	4.7	15.1	20.8	6.2	21.9	25.4	5.9
Chronic Obstructive Pulmonary Disease	14	7.1	7.4	*	7.1	13.4	*	7.1	18.9	*
Transient Cerebral Ischemia	14	0.0	1.7	*	0.0	3.5	*	7.1	5.6	*
Stroke	44	29.5	19.9	*	40.9	26.6	*	43.2	31.0	*
Hip Fracture	41	7.3	5.9	*	14.6	10.7	*	19.5	14.0	*
Sepsis	13	15.4	27.7	*	23.1	35.3	*	23.1	41.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	11	0.0	1.7	*	0.0	3.5	*	9.1	5.3	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	55	3.6	2.1	3.3	7.3	4.2	4.6	7.3	5.9	5.2
Open Reduction of Hip Fracture	21	0.0	5.5	*	4.8	10.3	*	14.3	13.6	*
Prostatectomy	76	0.0	1.0	1.3	0.0	2.3	2.4	1.3	3.9	2.9
Cholecystectomy	60	0.0	1.9	2.5	0.0	3.3	3.9	1.7	4.5	3.6
Hysterectomy	16	6.3	1.3	*	6.3	2.7	*	6.3	4.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	106
Occupancy Rate	65
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	70
Percent of Physicians Board Certified Specialists	77
Medical Residents/Interns	0
Registered Nurses	165
Licensed Practical Nurses	34

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

DIXIE MEDICAL CENTER

Medicare Provider Number: 460021

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,416	7.1	7.7	0.8	10.6	11.8	1.0	14.3	15.1	1.0
CONDITIONS:										
Acute Myocardial Infarction	46	13.0	27.8	*	21.7	30.6	*	26.1	34.0	*
Congestive Heart Failure	43	11.6	14.7	*	18.6	22.2	*	27.9	28.6	*
Pneumonia/Influenza	77	13.0	15.1	4.2	13.0	20.4	6.0	19.5	24.6	5.4
Chronic Obstructive Pulmonary Disease	15	20.0	5.5	*	20.0	10.0	*	26.7	13.8	*
Transient Cerebral Ischemia	13	0.0	2.2	*	0.0	5.1	*	0.0	8.1	*
Stroke	43	20.9	18.3	*	23.3	25.5	*	32.6	30.2	*
Hip Fracture	38	0.0	5.7	*	0.0	10.9	*	10.5	14.4	*
Sepsis	3	0.0	21.1	*	33.3	31.2	*	66.7	38.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	53	0.0	2.1	3.0	0.0	4.2	5.3	3.8	5.9	4.3
Open Reduction of Hip Fracture	24	0.0	5.4	*	0.0	10.7	*	12.5	14.3	*
Prostatectomy	64	0.0	0.8	1.3	0.0	1.9	2.3	1.6	3.1	2.5
Cholecystectomy	66	4.5	4.3	3.4	4.5	7.8	4.5	9.1	10.2	4.1
Hysterectomy	16	0.0	0.6	*	0.0	1.0	*	0.0	1.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,306	7.0	7.2	0.8	10.2	11.3	1.1	12.5	14.6	1.3
CONDITIONS:										
Acute Myocardial Infarction	41	19.5	28.3	*	24.4	30.8	*	26.8	33.9	*
Congestive Heart Failure	50	16.0	15.4	*	22.0	23.1	*	26.0	29.6	*
Pneumonia/Influenza	52	19.2	15.6	6.3	19.2	21.0	6.3	25.0	25.3	6.1
Chronic Obstructive Pulmonary Disease	15	6.7	6.4	*	6.7	11.2	*	13.3	15.2	*
Transient Cerebral Ischemia	16	0.0	2.3	*	0.0	5.1	*	0.0	8.2	*
Stroke	44	20.5	19.9	*	22.7	27.0	*	29.5	31.4	*
Hip Fracture	29	13.8	5.2	*	13.8	9.7	*	24.1	13.1	*
Sepsis	8	0.0	20.7	*	12.5	30.7	*	12.5	37.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	0.0	4.8	*	11.1	8.2	*	11.1	11.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	41	12.2	2.0	*	12.2	4.0	*	12.2	5.5	*
Open Reduction of Hip Fracture	13	0.0	4.5	*	0.0	8.6	*	7.7	11.6	*
Prostatectomy	79	1.3	1.3	1.3	3.8	3.1	2.3	3.8	5.1	3.1
Cholecystectomy	43	2.3	3.0	*	2.3	5.5	*	4.7	7.2	*
Hysterectomy	24	0.0	1.5	*	0.0	3.3	*	4.2	4.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

DOXEY HATCH MEDICAL CENTER/HOSPITAL

1255 East 3900 South
Salt Lake City, UT 84119

Medicare Provider Number: 460046

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	10	0.0	4.5	*	20.0	6.7	*	20.0	8.6	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	1	0.0	32.9	*	100.0	43.9	*	100.0	50.9	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1990

Total Beds	12
Ownership/Control	Private, For Profit
STAFFING:	
Medical Residents/Interns	2
Registered Nurses	8
Licensed Practical Nurses	1

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	No
Hospice	No
Intensive Care Unit	No
Organ Transplant	No
Rehabilitation	Yes
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

DOXEY HATCH MEDICAL CENTER/HOSPITAL

Medicare Provider Number: 460046

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	30	10.0	7.0	*	13.3	12.1	*	26.7	16.7	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	2	0.0	11.4	*	0.0	15.5	*	100.0	18.9	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	2	0.0	19.7	*	0.0	26.3	*	50.0	31.5	*
Hip Fracture	0									
Sepsis	0									
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	63	19.0	9.6	4.9	31.7	16.0	7.0	34.9	20.6	6.9
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	3	0.0	17.4	*	33.3	27.0	*	66.7	34.8	*
Pneumonia/Influenza	5	60.0	15.1	*	60.0	21.2	*	60.0	26.0	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	0.0	0.9	*	100.0	1.7	*	100.0	2.7	*
Stroke	2	0.0	13.7	*	0.0	18.7	*	0.0	22.6	*
Hip Fracture	0									
Sepsis	1	0.0	24.9	*	0.0	29.6	*	0.0	35.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

DUCHESNE COUNTY HOSPITAL

250 W 3rd N
Roosevelt, UT 84066

Medicare Provider Number: 460019

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	160	10.0	9.5	4.2	16.2	14.1	3.8	19.4	17.7	3.7
CONDITIONS:										
Acute Myocardial Infarction	6	16.7	24.7	*	16.7	27.6	*	16.7	30.7	*
Congestive Heart Failure	9	11.1	14.6	*	11.1	23.1	*	11.1	30.1	*
Pneumonia/Influenza	16	12.5	17.2	*	18.8	23.7	*	18.8	28.8	*
Chronic Obstructive Pulmonary Disease	1	0.0	7.4	*	100.0	14.5	*	100.0	20.1	*
Transient Cerebral Ischemia	3	0.0	2.4	*	0.0	5.6	*	66.7	9.0	*
Stroke	4	25.0	20.6	*	25.0	27.0	*	25.0	31.7	*
Hip Fracture	2	0.0	6.1	*	0.0	11.5	*	0.0	15.2	*
Sepsis	2	50.0	37.4	*	100.0	51.4	*	100.0	58.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	7.5	*	0.0	15.1	*	0.0	20.3	*
Open Reduction of Hip Fracture	1	0.0	3.7	*	0.0	6.9	*	0.0	9.1	*
Prostatectomy	5	0.0	1.3	*	0.0	3.2	*	0.0	5.6	*
Cholecystectomy	4	0.0	0.7	*	0.0	1.1	*	0.0	1.5	*
Hysterectomy	1	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	42
Occupancy Rate	36
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	11
Percent of Physicians Board Certified Specialists	55
Medical Residents/Interns	0
Registered Nurses	21
Licensed Practical Nurses	30

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

DUCHESNE COUNTY HOSPITAL

Medicare Provider Number: 460019

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	177	9.0	8.7	2.1	14.7	12.8	2.7	21.5	16.1	3.8
CONDITIONS:										
Acute Myocardial Infarction	4	50.0	35.9	*	50.0	41.2	*	50.0	45.4	*
Congestive Heart Failure	11	9.1	18.5	*	27.3	27.9	*	54.5	34.8	*
Pneumonia/Influenza	16	18.8	16.4	*	43.8	22.2	*	50.0	27.0	*
Chronic Obstructive Pulmonary Disease	3	33.3	8.8	*	33.3	16.7	*	33.3	22.8	*
Transient Cerebral Ischemia	1	0.0	1.0	*	0.0	2.4	*	0.0	3.8	*
Stroke	10	20.0	21.9	*	20.0	28.6	*	30.0	33.2	*
Hip Fracture	1	0.0	3.0	*	0.0	6.7	*	0.0	10.0	*
Sepsis	2	0.0	27.9	*	50.0	37.0	*	50.0	42.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	2.5	*	0.0	6.0	*	0.0	9.2	*
Prostatectomy	4	0.0	0.6	*	0.0	1.3	*	0.0	2.1	*
Cholecystectomy	6	0.0	1.1	*	0.0	2.1	*	0.0	2.9	*
Hysterectomy	1	0.0	0.2	*	0.0	0.5	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	190	11.1	8.9	3.7	14.7	13.2	3.3	16.8	16.5	3.0
CONDITIONS:										
Acute Myocardial Infarction	7	57.1	32.5	*	57.1	35.5	*	57.1	38.8	*
Congestive Heart Failure	9	22.2	13.9	*	22.2	20.9	*	22.2	27.2	*
Pneumonia/Influenza	17	5.9	12.0	*	11.8	16.2	*	11.8	19.8	*
Chronic Obstructive Pulmonary Disease	1	100.0	8.9	*	100.0	16.6	*	100.0	23.3	*
Transient Cerebral Ischemia	3	0.0	1.3	*	0.0	2.7	*	0.0	4.2	*
Stroke	9	22.2	22.4	*	33.3	28.8	*	33.3	33.6	*
Hip Fracture	2	0.0	7.3	*	0.0	15.0	*	0.0	21.0	*
Sepsis	4	0.0	16.2	*	0.0	24.1	*	0.0	29.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	5.2	*	0.0	11.0	*	0.0	15.7	*
Open Reduction of Hip Fracture	1	0.0	3.4	*	0.0	7.2	*	0.0	10.1	*
Prostatectomy	0									
Cholecystectomy	5	0.0	1.6	*	0.0	3.0	*	0.0	4.0	*
Hysterectomy	2	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FILLMORE COMMUNITY MEDICAL CENTER

674 So Highway 99
Fillmore, UT 84631

Medicare Provider Number: 460022

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	53	15.1	7.8	5.9	15.1	11.6	6.1	15.1	14.8	7.6
CONDITIONS:										
Acute Myocardial Infarction	3	33.3	24.6	*	33.3	26.9	*	33.3	29.9	*
Congestive Heart Failure	2	50.0	13.8	*	50.0	21.2	*	50.0	27.3	*
Pneumonia/Influenza	6	0.0	13.6	*	0.0	18.7	*	0.0	22.6	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	2	0.0	17.4	*	0.0	23.6	*	0.0	28.4	*
Hip Fracture	0									
Sepsis	1	0.0	16.8	*	0.0	21.3	*	0.0	25.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	20
Occupancy Rate	75
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	3
Percent of Physicians Board Certified Specialists	67
Medical Residents/Interns	0
Registered Nurses	7
Licensed Practical Nurses	6

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

FILLMORE COMMUNITY MEDICAL CENTER

Medicare Provider Number: 460022

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	48	8.3	7.1	*	14.6	11.2	*	14.6	14.7	*
CONDITIONS:										
Acute Myocardial Infarction	2	50.0	28.4	*	50.0	30.8	*	50.0	33.6	*
Congestive Heart Failure	1	0.0	27.2	*	0.0	41.8	*	0.0	53.3	*
Pneumonia/Influenza	2	0.0	6.3	*	0.0	9.6	*	0.0	11.7	*
Chronic Obstructive Pulmonary Disease	2	0.0	5.7	*	0.0	10.2	*	0.0	14.5	*
Transient Cerebral Ischemia	1	0.0	2.0	*	0.0	3.8	*	0.0	5.8	*
Stroke	1	0.0	11.6	*	0.0	16.0	*	0.0	19.8	*
Hip Fracture	0									
Sepsis	1	0.0	32.6	*	0.0	39.6	*	0.0	45.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	57	7.0	7.8	4.4	8.8	11.4	5.0	15.8	14.5	5.0
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	30.8	*	0.0	33.5	*	0.0	36.8	*
Congestive Heart Failure	5	0.0	18.5	*	0.0	27.9	*	20.0	35.5	*
Pneumonia/Influenza	4	25.0	8.0	*	25.0	11.4	*	50.0	14.2	*
Chronic Obstructive Pulmonary Disease	1	0.0	12.4	*	0.0	21.8	*	100.0	28.4	*
Transient Cerebral Ischemia	0									
Stroke	2	0.0	15.8	*	0.0	21.0	*	0.0	25.0	*
Hip Fracture	0									
Sepsis	3	0.0	15.0	*	0.0	20.4	*	0.0	25.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

GARFIELD MEMORIAL HOSPITAL

200 N 400 E
Panguitch, UT 84759

Medicare Provider Number: 460033

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	102	2.0	4.9	2.8	5.9	8.0	4.0	5.9	10.8	4.8
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	2	0.0	7.3	*	50.0	11.9	*	50.0	16.3	*
Pneumonia/Influenza	13	0.0	12.8	*	0.0	17.8	*	0.0	22.0	*
Chronic Obstructive Pulmonary Disease	5	0.0	5.1	*	0.0	10.0	*	0.0	14.8	*
Transient Cerebral Ischemia	1	0.0	2.3	*	0.0	5.8	*	0.0	10.0	*
Stroke	5	20.0	14.4	*	40.0	20.6	*	40.0	24.7	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	20
Occupancy Rate	65
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	1
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	9
Licensed Practical Nurses	5

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

GARFIELD MEMORIAL HOSPITAL

Medicare Provider Number: 460033

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	122	9.0	7.3	3.1	13.1	11.2	3.8	18.0	14.3	4.9
CONDITIONS:										
Acute Myocardial Infarction	2	50.0	20.6	*	50.0	22.5	*	50.0	24.9	*
Congestive Heart Failure	4	25.0	11.8	*	25.0	18.9	*	25.0	25.1	*
Pneumonia/Influenza	9	22.2	11.2	*	33.3	15.5	*	44.4	19.2	*
Chronic Obstructive Pulmonary Disease	8	12.5	6.6	*	12.5	10.6	*	25.0	14.3	*
Transient Cerebral Ischemia	3	0.0	1.3	*	0.0	2.7	*	0.0	4.2	*
Stroke	6	16.7	23.8	*	33.3	33.5	*	66.7	39.8	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	2	0.0	0.5	*	0.0	0.8	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	95	7.4	6.6	2.9	11.6	10.5	3.4	14.7	13.6	3.7
CONDITIONS:										
Acute Myocardial Infarction	3	0.0	11.0	*	0.0	13.8	*	0.0	16.9	*
Congestive Heart Failure	5	0.0	14.2	*	0.0	22.2	*	20.0	28.9	*
Pneumonia/Influenza	5	0.0	11.2	*	20.0	15.0	*	20.0	18.6	*
Chronic Obstructive Pulmonary Disease	5	20.0	4.2	*	20.0	8.2	*	20.0	11.7	*
Transient Cerebral Ischemia	2	0.0	1.6	*	0.0	3.7	*	0.0	6.1	*
Stroke	7	28.6	16.2	*	57.1	24.0	*	57.1	29.3	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

GUNNISON VALLEY HOSPITAL

60 East 100 North
Gunnison, UT 84634

Medicare Provider Number: 460037

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	170	12.9	11.0	2.9	17.1	15.8	3.1	18.2	19.8	3.4
CONDITIONS:										
Acute Myocardial Infarction	13	7.7	25.7	*	15.4	29.3	*	15.4	32.7	*
Congestive Heart Failure	16	25.0	16.2	*	31.3	25.1	*	31.3	32.2	*
Pneumonia/Influenza	20	20.0	17.3	*	20.0	23.7	*	25.0	28.6	*
Chronic Obstructive Pulmonary Disease	3	33.3	13.0	*	66.7	24.3	*	100.0	33.1	*
Transient Cerebral Ischemia	0									
Stroke	2	0.0	20.5	*	0.0	27.3	*	0.0	32.1	*
Hip Fracture	0									
Sepsis	5	20.0	19.2	*	20.0	23.7	*	20.0	28.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	1	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	21
Occupancy Rate	43
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	8
Percent of Physicians Board Certified Specialists	75
Medical Residents/Interns	0
Registered Nurses	10
Licensed Practical Nurses	5

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

GUNNISON VALLEY HOSPITAL

Medicare Provider Number: 460037

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	174	7.5	10.0	3.2	13.8	14.2	2.9	18.4	17.8	3.0
CONDITIONS:										
Acute Myocardial Infarction	11	18.2	33.5	*	18.2	36.6	*	18.2	40.4	*
Congestive Heart Failure	11	18.2	13.7	*	27.3	20.9	*	45.5	26.9	*
Pneumonia/Influenza	15	0.0	14.8	*	20.0	20.6	*	20.0	24.7	*
Chronic Obstructive Pulmonary Disease	3	33.3	5.8	*	33.3	10.1	*	33.3	14.0	*
Transient Cerebral Ischemia	1	100.0	2.7	*	100.0	6.5	*	100.0	10.7	*
Stroke	9	33.3	21.6	*	44.4	27.8	*	44.4	32.3	*
Hip Fracture	0									
Sepsis	5	0.0	23.9	*	0.0	29.3	*	20.0	34.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	3	0.0	1.1	*	0.0	2.1	*	0.0	2.9	*
Hysterectomy	2	0.0	0.4	*	0.0	0.7	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	173	7.5	9.7	3.0	13.9	14.3	3.1	16.2	18.2	3.6
CONDITIONS:										
Acute Myocardial Infarction	9	22.2	31.8	*	22.2	35.0	*	22.2	38.9	*
Congestive Heart Failure	11	9.1	13.4	*	9.1	19.9	*	9.1	25.7	*
Pneumonia/Influenza	9	11.1	15.0	*	66.7	20.9	*	66.7	25.5	*
Chronic Obstructive Pulmonary Disease	1	0.0	14.7	*	0.0	21.8	*	0.0	27.2	*
Transient Cerebral Ischemia	1	0.0	1.4	*	0.0	2.9	*	0.0	4.7	*
Stroke	5	0.0	17.8	*	0.0	23.6	*	0.0	28.2	*
Hip Fracture	0									
Sepsis	1	100.0	23.0	*	100.0	37.8	*	100.0	46.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	3	0.0	1.6	*	0.0	3.3	*	0.0	4.7	*
Hysterectomy	1	0.0	4.2	*	0.0	9.0	*	0.0	13.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HCA ST MARK'S HOSPITAL

1200 East 3900 South
Salt Lake City, UT 84124

Medicare Provider Number: 460047

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,159	8.8	7.0	0.9	12.8	10.6	1.0	15.4	13.5	1.0
CONDITIONS:										
Acute Myocardial Infarction	70	20.0	25.2	7.1	25.7	28.1	6.7	25.7	31.4	7.1
Congestive Heart Failure	67	16.4	13.8	5.5	25.4	21.7	5.9	31.3	28.3	6.3
Pneumonia/Influenza	82	22.0	14.5	6.3	30.5	20.1	8.1	32.9	24.5	8.4
Chronic Obstructive Pulmonary Disease	7	28.6	10.6	*	28.6	17.6	*	28.6	22.9	*
Transient Cerebral Ischemia	12	16.7	1.6	*	33.3	3.4	*	33.3	5.3	*
Stroke	74	28.4	20.7	5.5	36.5	26.6	8.4	43.2	30.9	8.1
Hip Fracture	67	3.0	5.4	3.6	9.0	9.7	4.5	10.4	12.6	4.7
Sepsis	17	23.5	23.3	*	35.3	31.2	*	35.3	37.1	*
PROCEDURES:										
Angioplasty	73	2.7	2.5	2.8	4.1	3.2	3.5	6.8	4.3	4.3
Coronary Artery Bypass Graft	42	2.4	4.3	*	2.4	6.1	*	2.4	7.4	*
Initial Pacemaker Insertion	26	11.5	2.3	*	15.4	4.5	*	26.9	6.8	*
Carotid Endarterectomy	8	0.0	1.3	*	0.0	2.2	*	0.0	3.3	*
Hip Replacement/Reconstruction	94	1.1	2.2	1.7	4.3	4.1	2.3	5.3	5.5	2.4
Open Reduction of Hip Fracture	21	0.0	5.1	*	4.8	9.5	*	4.8	12.5	*
Prostatectomy	56	1.8	0.8	1.3	5.4	2.0	2.5	7.1	3.4	3.8
Cholecystectomy	56	8.9	2.4	3.8	8.9	4.5	4.8	14.3	5.9	5.1
Hysterectomy	17	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	207
Occupancy Rate	67
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	171
Percent of Physicians Board Certified Specialists	91
Medical Residents/Interns	0
Registered Nurses	257
Licensed Practical Nurses	27

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HCA ST MARK'S HOSPITAL

Medicare Provider Number: 460047

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,189	8.1	7.4	1.0	11.9	11.1	1.1	14.7	14.1	1.2
CONDITIONS:										
Acute Myocardial Infarction	39	28.2	25.3	*	28.2	28.3	*	28.2	31.7	*
Congestive Heart Failure	32	21.9	15.3	*	43.8	23.5	*	50.0	30.2	*
Pneumonia/Influenza	43	18.6	16.5	*	30.2	22.3	*	37.2	26.9	*
Chronic Obstructive Pulmonary Disease	3	0.0	6.7	*	33.3	12.2	*	33.3	17.4	*
Transient Cerebral Ischemia	5	0.0	2.4	*	0.0	4.7	*	0.0	7.2	*
Stroke	34	11.8	19.4	*	17.6	25.1	*	23.5	29.4	*
Hip Fracture	32	15.6	6.5	*	18.8	11.8	*	25.0	15.0	*
Sepsis	17	41.2	19.5	*	41.2	25.3	*	52.9	30.3	*
PROCEDURES:										
Angioplasty	37	2.7	3.3	*	2.7	4.2	*	2.7	5.3	*
Coronary Artery Bypass Graft	23	4.3	6.4	*	4.3	8.5	*	4.3	10.1	*
Initial Pacemaker Insertion	15	6.7	9.2	*	6.7	13.1	*	6.7	16.7	*
Carotid Endarterectomy	3	0.0	1.1	*	0.0	2.1	*	0.0	3.0	*
Hip Replacement/Reconstruction	52	9.6	2.6	3.5	9.6	4.7	3.6	11.5	6.2	4.0
Open Reduction of Hip Fracture	12	0.0	5.2	*	0.0	9.9	*	0.0	13.0	*
Prostatectomy	41	7.3	1.5	*	7.3	3.5	*	7.3	5.8	*
Cholecystectomy	29	3.4	2.6	*	3.4	4.7	*	6.9	6.1	*
Hysterectomy	15	0.0	1.0	*	0.0	1.9	*	0.0	2.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	0									
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOLY CROSS HOSPITAL

1045 East 1st South
Salt Lake City, UT 84102

Medicare Provider Number: 460003

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,211	8.7	5.5	0.6	12.8	8.9	0.7	16.2	11.6	0.8
CONDITIONS:										
Acute Myocardial Infarction	60	30.0	21.9	7.7	35.0	24.7	7.5	35.0	27.4	7.2
Congestive Heart Failure	108	18.5	11.5	4.7	22.2	19.4	4.4	33.3	25.7	5.7
Pneumonia/Influenza	90	12.2	11.2	3.4	14.4	16.3	4.1	18.9	20.2	4.5
Chronic Obstructive Pulmonary Disease	27	3.7	4.6	*	3.7	8.5	*	7.4	11.9	*
Transient Cerebral Ischemia	24	0.0	1.1	*	4.2	2.4	*	4.2	3.7	*
Stroke	72	19.4	14.6	7.9	27.8	21.1	9.2	30.6	25.4	7.6
Hip Fracture	100	6.0	2.6	1.9	15.0	5.4	4.0	19.0	7.7	4.7
Sepsis	13	23.1	20.6	*	38.5	27.9	*	38.5	34.4	*
PROCEDURES:										
Angioplasty	14	0.0	2.3	*	0.0	3.1	*	0.0	3.9	*
Coronary Artery Bypass Graft	52	5.8	4.3	3.7	7.7	5.7	3.6	7.7	6.7	3.8
Initial Pacemaker Insertion	22	0.0	1.5	*	4.5	3.4	*	4.5	5.3	*
Carotid Endarterectomy	12	0.0	1.2	*	0.0	2.2	*	8.3	3.0	*
Hip Replacement/Reconstruction	64	3.1	1.5	2.9	10.9	3.3	3.7	12.5	4.8	4.7
Open Reduction of Hip Fracture	65	7.7	2.2	3.0	13.8	4.8	4.8	16.9	6.9	5.7
Prostatectomy	77	1.3	0.5	2.3	3.9	1.4	3.0	5.2	2.4	3.4
Cholecystectomy	56	1.8	1.4	1.8	5.4	2.6	3.2	5.4	3.7	4.4
Hysterectomy	15	0.0	0.6	*	0.0	1.2	*	6.7	1.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1990

Total Beds	293
Ownership/Control	Church

STAFFING:

Medical Residents/Interns	0
Registered Nurses	240
Licensed Practical Nurses	51

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	Yes
Hospice	No
Intensive Care Unit	Yes
Organ Transplant	No
Rehabilitation	Yes
Shock Trauma	Yes

**** Not used in calculating hospital mortality rates.**

HOLY CROSS HOSPITAL

Medicare Provider Number: 460003

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,355	8.8	5.5	0.7	13.6	9.0	1.0	16.9	11.9	0.8
CONDITIONS:										
Acute Myocardial Infarction	56	16.1	21.3	7.3	16.1	24.0	8.6	17.9	26.7	9.9
Congestive Heart Failure	100	15.0	11.0	3.7	27.0	18.1	5.7	36.0	24.3	7.2
Pneumonia/Influenza	86	10.5	9.3	3.4	19.8	13.4	5.8	24.4	16.9	6.9
Chronic Obstructive Pulmonary Disease	27	11.1	5.5	*	14.8	9.7	*	29.6	13.5	*
Transient Cerebral Ischemia	22	4.5	1.3	*	13.6	2.9	*	13.6	4.6	*
Stroke	63	30.2	15.0	6.0	39.7	21.8	7.4	42.9	26.5	7.4
Hip Fracture	107	12.1	3.1	2.9	18.7	6.2	4.0	21.5	8.6	4.3
Sepsis	22	31.8	17.0	*	36.4	24.0	*	40.9	29.6	*
PROCEDURE:										
Angioplasty	29	0.0	4.3	*	0.0	5.0	*	0.0	5.7	*
Coronary Artery Bypass Graft	55	7.3	5.1	3.5	9.1	7.0	3.8	9.1	8.1	3.9
Initial Pacemaker Insertion	14	0.0	1.4	*	0.0	2.7	*	7.1	4.0	*
Carotid Endarterectomy	13	0.0	1.4	*	0.0	2.6	*	0.0	3.7	*
Hip Replacement/Reconstruction	80	3.7	1.8	2.7	6.3	3.7	4.8	8.7	5.2	5.4
Open Reduction of Hip Fracture	55	14.5	2.9	4.0	21.8	5.9	5.6	21.8	8.3	5.4
Prostatectomy	96	1.0	0.6	0.9	2.1	1.5	1.3	5.2	2.5	2.1
Cholecystectomy	56	8.9	2.0	3.2	10.7	4.1	3.6	10.7	5.8	3.6
Hysterectomy	19	5.3	1.0	*	5.3	2.3	*	5.3	3.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,316	8.1	7.2	0.6	12.0	11.2	0.7	15.8	14.4	0.9
CONDITIONS:										
Acute Myocardial Infarction	68	27.9	25.5	5.7	29.4	28.7	6.0	33.8	32.0	6.1
Congestive Heart Failure	100	23.0	13.9	6.0	32.0	21.3	6.6	39.0	27.8	6.8
Pneumonia/Influenza	62	9.7	10.9	4.1	17.7	15.5	5.2	24.2	19.2	8.4
Chronic Obstructive Pulmonary Disease	26	23.1	9.8	*	34.6	16.9	*	38.5	22.4	*
Transient Cerebral Ischemia	35	2.9	1.7	*	5.7	3.5	*	8.6	5.5	*
Stroke	77	27.3	19.1	5.9	32.5	25.6	6.9	42.9	30.0	8.3
Hip Fracture	92	6.5	5.6	2.7	10.9	10.4	4.3	22.8	13.8	5.3
Sepsis	25	8.0	17.9	*	12.0	24.6	*	16.0	30.0	*
PROCEDURES:										
Angioplasty	21	14.3	5.7	*	14.3	7.0	*	14.3	8.4	*
Coronary Artery Bypass Graft	31	9.7	7.0	*	12.9	9.8	*	12.9	11.3	*
Initial Pacemaker Insertion	18	0.0	2.3	*	0.0	4.5	*	0.0	6.8	*
Carotid Endarterectomy	4	0.0	1.5	*	0.0	2.8	*	0.0	4.0	*
Hip Replacement/Reconstruction	70	4.3	3.7	2.4	10.0	7.2	4.6	21.4	9.6	4.9
Open Reduction of Hip Fracture	48	8.3	4.5	*	10.4	8.8	*	14.6	11.9	*
Prostatectomy	92	0.0	1.4	1.7	3.3	3.4	2.1	6.5	5.7	3.0
Cholecystectomy	42	2.4	2.5	*	2.4	4.3	*	7.1	5.4	*
Hysterectomy	28	0.0	1.1	*	3.6	2.2	*	3.6	3.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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MEDICARE PROVIDER NUMBER: 460003

January 15, 1991

COMMENTS FOR PUBLICATION

While the HCFA data is useful to clinicians and hospital administrators, it is not helpful to the general public as a guide to hospital performance and is not a good measure of hospital quality. This data is useful in raising questions related to quality, but does not in itself answer them. One must determine whether any difference from the average is likely to be meaningful, and if so, what explains the difference. This analysis provides one source of input into the hospital's continuing quality assurance activities which are designed to identify potential patient care issues and develop systems and procedures to avoid preventable problems.

Holy Cross Hospital has begun to analyze the HCFA data, and has made the following initial observations:

1. The average days from admission to hospital discharge for each category of patient represented only from 6-38% of the total days from admission to death. The hospital, therefore, had no influence over 62-94% of the days between admission and death.

2. Many of the persons who died had multiple medical problems.

3. The cause of death was frequently unrelated to the medical condition and/or procedure for which an individual was admitted to the hospital.

4. Numerous data discrepancies were found in the information. HCFA has been notified of those discrepancies.

The hospital will continue to use the HCFA mortality information in the quality assurance process to pursue the answers to the questions raised by the information. The process involves physicians, other patient care providers, administrative staff and the Board of Trustees. Where necessary, the process results in revised policies or procedures, and the provision of education and monitoring to assure quality outcomes.

HOLY CROSS HOSPITAL
1050 EAST SOUTH TEMPLE
SALT LAKE CITY, UTAH 84102
(801) 350-4111

HUMANA HOSPITAL DAVIS NORTH

1600 West Antelope Drive
Layton, UT 84041

Medicare Provider Number: 460041

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	582	6.5	7.9	1.4	11.0	11.7	1.7	13.1	14.8	2.1
CONDITIONS:										
Acute Myocardial Infarction	15	13.3	28.1	*	26.7	31.7	*	26.7	35.6	*
Congestive Heart Failure	20	15.0	14.9	*	35.0	23.8	*	35.0	31.0	*
Pneumonia/Influenza	30	13.3	14.5	*	16.7	19.6	*	16.7	24.0	*
Chronic Obstructive Pulmonary Disease	7	0.0	7.7	*	0.0	13.0	*	14.3	17.8	*
Transient Cerebral Ischemia	7	14.3	1.3	*	14.3	2.8	*	14.3	4.5	*
Stroke	28	28.6	16.9	*	39.3	23.7	*	39.3	28.3	*
Hip Fracture	19	5.3	8.8	*	15.8	14.4	*	15.8	17.5	*
Sepsis	4	75.0	29.7	*	75.0	34.9	*	75.0	40.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	8.4	*	0.0	13.3	*	0.0	16.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	0.0	2.8	*	0.0	5.3	*	0.0	7.4	*
Open Reduction of Hip Fracture	13	7.7	9.8	*	23.1	16.5	*	23.1	20.2	*
Prostatectomy	34	0.0	0.8	*	0.0	1.8	*	0.0	3.0	*
Cholecystectomy	20	0.0	2.0	*	0.0	3.4	*	0.0	4.5	*
Hysterectomy	7	0.0	0.4	*	0.0	0.9	*	0.0	1.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	110
Occupancy Rate	36
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	74
Percent of Physicians Board Certified Specialists	66
Medical Residents/Interns	0
Registered Nurses	78
Licensed Practical Nurses	12

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HUMANA HOSPITAL DAVIS NORTH

Medicare Provider Number: 460041

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	581	7.1	8.4	1.3	10.2	12.7	1.8	12.7	16.0	2.2
CONDITIONS:										
Acute Myocardial Infarction	16	25.0	26.4	*	25.0	29.8	*	25.0	33.5	*
Congestive Heart Failure	25	8.0	15.2	*	12.0	23.1	*	20.0	29.5	*
Pneumonia/Influenza	40	17.5	15.3	*	25.0	20.8	*	30.0	25.2	*
Chronic Obstructive Pulmonary Disease	11	9.1	10.1	*	27.3	16.3	*	27.3	21.5	*
Transient Cerebral Ischemia	8	0.0	1.7	*	0.0	3.5	*	25.0	5.3	*
Stroke	32	18.8	21.4	*	18.8	27.9	*	21.9	32.6	*
Hip Fracture	17	11.8	6.5	*	11.8	11.9	*	17.6	15.3	*
Sepsis	3	33.3	22.3	*	66.7	27.7	*	66.7	33.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	6.5	*	0.0	10.8	*	0.0	14.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	1.7	*	0.0	3.1	*	0.0	4.1	*
Open Reduction of Hip Fracture	13	7.7	6.4	*	7.7	12.3	*	15.4	16.0	*
Prostatectomy	29	0.0	0.7	*	0.0	1.7	*	3.4	2.8	*
Cholecystectomy	25	4.0	3.7	*	4.0	6.6	*	4.0	8.6	*
Hysterectomy	5	0.0	0.4	*	0.0	0.6	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	529	8.9	9.5	2.0	12.1	14.0	2.6	15.3	17.5	3.3
CONDITIONS:										
Acute Myocardial Infarction	19	36.8	24.9	*	36.8	27.7	*	36.8	30.8	*
Congestive Heart Failure	24	4.2	13.6	*	20.8	20.8	*	20.8	27.2	*
Pneumonia/Influenza	22	13.6	15.7	*	13.6	21.1	*	18.2	25.6	*
Chronic Obstructive Pulmonary Disease	15	20.0	12.0	*	20.0	20.9	*	33.3	27.8	*
Transient Cerebral Ischemia	8	0.0	2.2	*	0.0	5.0	*	0.0	8.1	*
Stroke	22	18.2	19.8	*	31.8	26.5	*	31.8	31.4	*
Hip Fracture	11	0.0	5.6	*	9.1	11.0	*	27.3	15.0	*
Sepsis	6	50.0	32.3	*	50.0	39.2	*	50.0	46.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	2.1	*	0.0	4.5	*	0.0	7.1	*
Carotid Endarterectomy	1	100.0	1.3	*	100.0	2.3	*	100.0	3.3	*
Hip Replacement/Reconstruction	2	0.0	2.0	*	0.0	3.8	*	0.0	5.1	*
Open Reduction of Hip Fracture	9	0.0	4.2	*	11.1	8.3	*	22.2	11.3	*
Prostatectomy	25	0.0	0.8	*	0.0	1.9	*	0.0	3.1	*
Cholecystectomy	11	9.1	4.1	*	9.1	7.9	*	9.1	10.6	*
Hysterectomy	3	0.0	0.3	*	0.0	0.6	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

[illegible]
Layton Utah
84041
Telephone 801 825-9561

Humana Hospital
Davis North

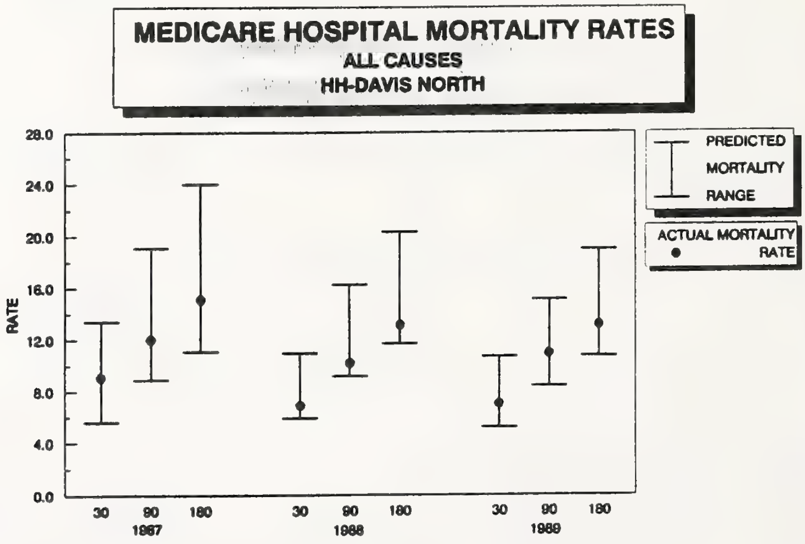
January 8, 1991

Ms. Sandra Kappert
Health Care Financing Administration
Health Standards & Quality Bureau
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Ms. Kappert:

Thank you for the opportunity to review and comment on the Medicare mortality rates you provided for Humana Hospital-Davis North. Since the mortality rates will be interpreted by the public, it is essential the data be easily understandable. Unfortunately, the presentation of the data in the format you provided is difficult to understand, and wrong conclusions may be reached by readers attempting to evaluate the hospital's observed rate against the predicted mortality rate.

For areas where a standard deviation has been provided, we urge that a predicted range be calculated and displayed as in past years. This would allow for much less potential error of interpretation. (To aid readers, in understanding the data for Humana Hospital-Davis North, we have computed a range for the "All Causes" category for the 30, 90, 180-day intervals for 1987, 1988, and 1989. The range represents a 95% prediction interval using the technical information provided. The data are displayed graphically below.



SOURCE: HCFA - MEDICARE HOSPITAL MORTALITY INFORMATION 1987, 1988, 1989

The vertical lines represent the predicted ranges and the dot represents the hospital's observed rate.)

For some categories, observed and predicted mortality rates are published without an accompanying standard deviation. If "the number of cases or deaths in any category is too small to permit satisfactory estimation of the standard deviation," it is also inappropriate to publish predicted rates in that category, due to the potential for misinterpretation.

We support the Health Care Financing Administration's continuing effort to provide reliable mortality data. Mortality rates are an important clinical indicator; however, they are not the sole element in evaluating patient care given in a hospital. At Humana Hospital-Davis North we have established, in conjunction with our medical staff, an on-going, comprehensive quality management program.

Thank you again for the opportunity to review the data before publication. We hope you will give serious thought to our comments and not release the information to the public without modifying it to make it more meaningful and understandable.

Sincerely,

Dean Holman

Dean S. Holman
Executive Director
Humana Hospital-Davis North

DSH:ss

KANE COUNTY HOSPITAL

220 West 300 North
Kanab, UT 84741

Medicare Provider Number: 460018

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	62	6.5	7.3	3.4	9.7	10.8	4.1	14.5	14.0	4.4
CONDITIONS:										
Acute Myocardial Infarction	3	0.0	29.6	*	0.0	32.9	*	33.3	37.0	*
Congestive Heart Failure	3	0.0	10.4	*	0.0	16.5	*	0.0	22.1	*
Pneumonia/Influenza	2	0.0	10.6	*	0.0	14.3	*	0.0	17.8	*
Chronic Obstructive Pulmonary Disease	2	0.0	26.5	*	0.0	36.3	*	100.0	43.6	*
Transient Cerebral Ischemia	3	0.0	1.8	*	0.0	4.0	*	0.0	6.4	*
Stroke	3	66.7	15.1	*	66.7	20.7	*	66.7	24.6	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	33
Occupancy Rate	52
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	2
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	6
Licensed Practical Nurses	2

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

KANE COUNTY HOSPITAL

Medicare Provider Number: 460018

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	63	1.6	8.0	4.2	3.2	11.4	5.2	4.8	14.5	6.0
CONDITIONS:										
Acute Myocardial Infarction	5	0.0	25.4	*	0.0	28.2	*	0.0	31.7	*
Congestive Heart Failure	6	0.0	13.0	*	0.0	19.7	*	16.7	25.6	*
Pneumonia/Influenza	3	0.0	14.1	*	0.0	18.6	*	0.0	22.8	*
Chronic Obstructive Pulmonary Disease	1	0.0	5.4	*	0.0	10.3	*	0.0	14.8	*
Transient Cerebral Ischemia	0									
Stroke	1	0.0	25.3	*	0.0	34.8	*	0.0	40.2	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	1	0.0	0.6	*	0.0	0.9	*	0.0	1.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	81	7.4	9.1	4.6	13.6	13.0	5.2	13.6	16.3	4.8
CONDITIONS:										
Acute Myocardial Infarction	4	0.0	24.3	*	25.0	27.9	*	25.0	31.8	*
Congestive Heart Failure	7	0.0	13.7	*	42.9	20.5	*	42.9	26.5	*
Pneumonia/Influenza	7	0.0	10.1	*	0.0	13.6	*	0.0	16.7	*
Chronic Obstructive Pulmonary Disease	2	50.0	3.1	*	50.0	6.3	*	50.0	9.3	*
Transient Cerebral Ischemia	1	0.0	1.9	*	0.0	3.7	*	0.0	5.6	*
Stroke	7	42.9	29.5	*	42.9	34.7	*	42.9	39.1	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

LAKEVIEW HOSPITAL

630 East Medical Drive
Bountiful, UT 84010

Medicare Provider Number: 460042

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	675	8.3	9.4	1.4	13.6	13.4	1.5	16.9	16.5	1.4
CONDITIONS:										
Acute Myocardial Infarction	30	23.3	28.3	*	30.0	31.1	*	33.3	34.3	*
Congestive Heart Failure	34	23.5	14.5	*	32.4	21.9	*	38.2	28.2	*
Pneumonia/Influenza	26	7.7	15.7	*	15.4	21.1	*	15.4	25.8	*
Chronic Obstructive Pulmonary Disease	2	0.0	15.1	*	0.0	22.4	*	0.0	28.5	*
Transient Cerebral Ischemia	0									
Stroke	46	15.2	20.1	*	34.8	26.3	*	41.3	30.8	*
Hip Fracture	28	7.1	4.7	*	17.9	8.4	*	17.9	11.1	*
Sepsis	10	0.0	22.2	*	20.0	28.8	*	20.0	33.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	20.0	3.4	*	20.0	6.9	*	20.0	10.3	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	18	0.0	3.5	*	11.1	6.6	*	11.1	8.7	*
Open Reduction of Hip Fracture	16	12.5	4.0	*	18.8	7.6	*	18.8	10.2	*
Prostatectomy	53	3.8	1.0	2.8	5.7	2.2	3.8	7.5	3.6	4.8
Cholecystectomy	27	3.7	3.9	*	3.7	6.7	*	7.4	8.5	*
Hysterectomy	13	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	128
Occupancy Rate	41
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	72
Percent of Physicians Board Certified Specialists	72
Medical Residents/Interns	0
Registered Nurses	87
Licensed Practical Nurses	27

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

LAKEVIEW HOSPITAL

Medicare Provider Number: 460042

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	654	9.9	9.2	1.4	14.8	13.4	1.8	18.5	16.8	2.3
CONDITIONS:										
Acute Myocardial Infarction	32	21.9	28.5	*	21.9	32.0	*	21.9	35.5	*
Congestive Heart Failure	31	19.4	14.5	*	25.8	21.7	*	32.3	27.9	*
Pneumonia/Influenza	42	7.1	16.8	*	9.5	22.5	*	14.3	27.1	*
Chronic Obstructive Pulmonary Disease	6	16.7	8.3	*	33.3	14.1	*	33.3	18.7	*
Transient Cerebral Ischemia	2	0.0	3.4	*	0.0	7.4	*	0.0	11.7	*
Stroke	40	17.5	21.1	*	27.5	27.8	*	32.5	32.6	*
Hip Fracture	28	3.6	6.0	*	10.7	10.9	*	10.7	14.0	*
Sepsis	7	42.9	23.1	*	42.9	29.4	*	42.9	34.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	9.4	*	0.0	13.5	*	0.0	17.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	14	0.0	2.7	*	7.1	5.2	*	7.1	7.0	*
Open Reduction of Hip Fracture	18	0.0	5.3	*	5.6	10.0	*	5.6	13.2	*
Prostatectomy	36	5.6	0.6	*	5.6	1.5	*	5.6	2.5	*
Cholecystectomy	31	3.2	3.2	*	6.5	5.4	*	6.5	6.9	*
Hysterectomy	10	0.0	0.3	*	0.0	0.7	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	659	12.1	8.4	1.5	16.8	12.1	1.8	19.4	15.2	1.9
CONDITIONS:										
Acute Myocardial Infarction	29	34.5	31.4	*	34.5	34.5	*	37.9	37.9	*
Congestive Heart Failure	27	14.8	13.8	*	37.0	20.6	*	40.7	26.8	*
Pneumonia/Influenza	29	17.2	15.7	*	24.1	21.6	*	31.0	26.6	*
Chronic Obstructive Pulmonary Disease	5	0.0	8.4	*	0.0	14.8	*	0.0	19.7	*
Transient Cerebral Ischemia	7	0.0	2.6	*	0.0	5.5	*	0.0	8.8	*
Stroke	38	28.9	18.1	*	39.5	24.8	*	39.5	29.4	*
Hip Fracture	24	33.3	5.9	*	37.5	11.0	*	50.0	14.5	*
Sepsis	8	37.5	28.3	*	37.5	36.0	*	37.5	42.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	2.1	*	0.0	3.9	*	0.0	5.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	12	25.0	3.6	*	25.0	7.3	*	25.0	10.1	*
Open Reduction of Hip Fracture	11	27.3	4.3	*	36.4	8.4	*	45.5	11.3	*
Prostatectomy	54	1.9	0.7	1.9	3.7	1.8	3.0	3.7	3.1	3.6
Cholecystectomy	27	0.0	2.0	*	3.7	3.2	*	3.7	4.1	*
Hysterectomy	12	0.0	0.3	*	0.0	0.7	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

LATTER-DAY SAINTS HOSPITAL

325 Eighth Ave
Salt Lake City, UT 84143

Medicare Provider Number: 460010

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	4,183	7.2	5.0	0.4	11.1	8.1	0.6	13.8	10.6	0.6
CONDITIONS:										
Acute Myocardial Infarction	129	17.8	20.8	4.9	23.3	23.7	5.6	24.8	26.5	4.7
Congestive Heart Failure	95	16.8	11.8	4.4	22.1	19.4	4.7	31.6	25.6	5.3
Pneumonia/Influenza	103	17.5	12.3	6.9	22.3	17.6	6.9	27.2	21.5	7.7
Chronic Obstructive Pulmonary Disease	15	0.0	7.7	*	6.7	13.9	*	13.3	18.9	*
Transient Cerebral Ischemia	15	0.0	1.3	*	0.0	2.7	*	6.7	4.2	*
Stroke	100	25.0	15.5	6.1	29.0	21.7	6.9	36.0	25.7	7.6
Hip Fracture	112	2.7	3.3	2.0	10.7	6.4	2.8	16.1	8.9	4.6
Sepsis	18	27.8	17.2	*	33.3	22.9	*	38.9	28.3	*
PROCEDURES:										
Angioplasty	59	0.0	2.1	*	0.0	2.8	*	0.0	3.6	*
Coronary Artery Bypass Graft	227	4.8	4.3	1.4	5.7	6.2	1.7	6.2	7.3	2.0
Initial Pacemaker Insertion	50	6.0	2.2	*	8.0	4.1	*	8.0	5.9	*
Carotid Endarterectomy	23	4.3	1.1	*	4.3	2.1	*	8.7	3.1	*
Hip Replacement/Reconstruction	209	1.0	1.3	0.8	3.8	2.5	1.2	6.7	3.6	2.0
Open Reduction of Hip Fracture	42	2.4	2.9	*	14.3	5.9	*	16.7	8.4	*
Prostatectomy	231	0.9	0.5	0.6	2.6	1.3	1.2	3.9	2.3	1.8
Cholecystectomy	178	5.1	2.2	2.1	7.3	4.0	2.6	9.6	5.4	3.2
Hysterectomy	62	0.0	1.1	*	0.0	2.5	*	0.0	3.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	474
Occupancy Rate	69
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	347
Percent of Physicians Board Certified Specialists	88
Medical Residents/Interns	32
Registered Nurses	625
Licensed Practical Nurses	67

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

LATTER-DAY SAINTS HOSPITAL

Medicare Provider Number: 460010

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	4,242	7.2	5.3	0.4	10.6	8.5	0.5	12.9	11.2	0.5
CONDITIONS:										
Acute Myocardial Infarction	131	22.9	21.8	3.7	24.4	25.0	3.9	26.7	28.2	4.7
Congestive Heart Failure	103	24.3	12.6	5.0	32.0	20.1	5.6	34.0	26.6	5.1
Pneumonia/Influenza	91	15.4	13.2	4.1	18.7	18.6	4.1	22.0	23.0	4.7
Chronic Obstructive Pulmonary Disease	21	14.3	6.3	*	23.8	10.8	*	23.8	14.8	*
Transient Cerebral Ischemia	21	0.0	1.9	*	9.5	4.1	*	14.3	6.7	*
Stroke	89	23.6	16.0	5.7	27.0	22.6	5.4	29.2	27.2	4.9
Hip Fracture	108	7.4	4.5	2.4	20.4	8.8	4.7	24.1	11.8	4.7
Sepsis	19	15.8	22.6	*	31.6	30.7	*	31.6	37.3	*
PROCEDURES:										
Angioplasty	66	1.5	2.9	2.7	3.0	3.8	2.6	4.5	4.7	2.6
Coronary Artery Bypass Graft	185	7.0	5.1	2.2	9.2	7.1	2.3	9.2	8.4	2.1
Initial Pacemaker Insertion	49	2.0	2.4	*	2.0	4.4	*	4.1	6.4	*
Carotid Endarterectomy	16	0.0	1.6	*	0.0	3.2	*	0.0	4.7	*
Hip Replacement/Reconstruction	183	2.2	1.4	1.1	4.9	2.8	1.9	6.0	3.8	2.7
Open Reduction of Hip Fracture	58	6.9	3.8	3.8	22.4	7.8	5.9	27.6	10.9	6.4
Prostatectomy	233	1.3	0.7	0.9	2.1	1.7	1.6	4.3	2.9	1.6
Cholecystectomy	152	2.6	1.8	1.7	5.3	3.4	2.3	5.9	4.6	2.9
Hysterectomy	72	0.0	0.7	1.3	0.0	1.6	2.6	1.4	2.5	3.0

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	4,284	6.2	6.2	0.5	9.9	9.6	0.5	12.5	12.3	0.5
CONDITIONS:										
Acute Myocardial Infarction	143	21.7	26.6	4.3	23.1	29.8	4.9	24.5	33.0	5.5
Congestive Heart Failure	101	14.9	14.8	4.8	21.8	22.6	4.3	29.7	29.1	4.7
Pneumonia/Influenza	90	15.6	14.9	4.4	25.6	20.1	6.4	28.9	24.2	6.5
Chronic Obstructive Pulmonary Disease	26	19.2	9.5	*	26.9	15.6	*	30.8	20.3	*
Transient Cerebral Ischemia	37	2.7	2.3	*	8.1	4.8	*	10.8	7.3	*
Stroke	107	19.6	20.4	3.9	25.2	27.3	5.4	30.8	31.8	5.1
Hip Fracture	89	4.5	6.9	3.2	11.2	12.3	4.1	13.5	15.8	5.6
Sepsis	15	20.0	22.4	*	26.7	28.4	*	26.7	33.5	*
PROCEDURES:										
Angioplasty	63	3.2	3.4	3.1	4.8	4.1	3.3	4.8	5.1	2.8
Coronary Artery Bypass Graft	161	5.0	5.7	2.0	6.8	7.7	2.3	6.8	8.9	2.5
Initial Pacemaker Insertion	63	0.0	2.5	3.3	1.6	4.8	4.7	4.8	7.0	4.9
Carotid Endarterectomy	21	0.0	1.6	*	0.0	3.1	*	4.8	4.6	*
Hip Replacement/Reconstruction	150	0.7	1.4	1.2	2.0	2.7	1.4	3.3	3.6	1.5
Open Reduction of Hip Fracture	62	4.8	6.4	3.9	11.3	12.0	4.2	12.9	15.6	5.1
Prostatectomy	237	0.4	0.7	0.7	2.1	1.7	1.0	2.5	2.9	2.1
Cholecystectomy	138	2.9	2.4	2.0	5.8	4.3	2.6	7.2	5.8	3.2
Hysterectomy	80	1.2	1.2	2.5	5.0	2.5	3.5	6.3	4.0	4.3

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

LDS HOSPITAL
ALTA VIEW HOSPITAL
COTTONWOOD HOSPITAL

GARY WM. FARNES, CHIEF EXECUTIVE OFFICER

LDS Hospital
Richard M. Cagen
Administrator/Chief Operating Officer
Eighth Avenue and C Street
Salt Lake City, Utah 84143
(801) 321-1100

Attn: Mrs. Sandra Kappert
Health Standards and Quality Bureau
Health Care Financing Administration
2-D-2 Meadows East Building
6325 Security boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert,

Thank you for soliciting comments from the LDS Hospital about the Medicare mortality information.

1. REGARDING SEVERITY OF ILLNESS

Case-mix indices ▸ While not a true measure of severity, the case-mix indices do measure the amount of resources used for each DRG using 1.0000 as the average. The case-mix indices for the LDS Hospital were 1.6716 in 1987, 1.7481 in 1988, and 1.8978 in 1989. In 1989, the LDS Hospital's case-mix index was the 14th highest of 5,677 hospitals surveyed by HCFA.

Age and mortality ▸ The proportion of our population over 70 was 65.9 % in 1987, 67.6% in 1988, and 69.3% in 1989. Our observed mortality rate at 30 days reported by HCFA increased from 6.2% in 1987 to 7.2% in 1989.

Referral center/transported patients/transplant program ▸ The following are examples at the LDS Hospital of "conditions" with increasing severity. An increasing number of our congestive heart failure patients have failed conventional regimens and were transferred here for experimental drug therapy or transplantation. Some of our pneumonia/influenza patients are compromised hosts due to our large transplantation program, and many patients are flown in for our unique treatment programs for Adult Respiratory Distress Syndrome (ARDS).

Conclusion ▸ Severity of illness does not seem to be accounted for in the HCFA data. In spite of increasing case-mix indices, age, proportion of transported and transplanted patients, and observed mortality, HCFA predicts for the LDS Hospital a declining mortality rate, from 6.2% in 1987 to 5.0% in 1989 which we find difficult to understand. A system that adequately accounts for severity of illness would assist us to interpret these data.

2. REGARDING INCIDENTAL AND/OR SECONDARY PROCEDURES

Because incidental and/or secondary procedures are associated with a more serious principle illness, including secondary and/or incidental procedures increases mortality rates. For example in 1989, our rate of incidental and/or secondary cholecystectomy following major bowel, stomach, and duodenal procedures, Coronary Artery Bypass Graph (CABG), and transplantation significantly increased. During 1989, our mortality rate for primary cholecystectomy was 3.4%, while the incidental and/or secondary cholecystectomy mortality rate was 16.7%. In another example, our mortality rate for "primary" CABG was 1.9%, and when CABG was a "secondary" procedure (valve replacement or Percutaneous Transluminal Coronary Angioplasty (PTCA) was the principle diagnosis), the mortality rate was 15.0%.

Facilities of Intermountain Health Care

Conclusion: The LDS Hospital would find procedure mortality rates more useful if they were calculated for principle procedures that match the principle diagnosis.

3. SELECTING CASES FOR ANALYSIS AND PRESENTATION:

1. HCFA's new analysis which selects a single admission at random made case-finding and data clean-up time consuming (about 173 manhours) for our hospital. **Conclusion:** We needed more time for our response. Could the HCFA data be shared on tape or disk?
2. Use of "point estimate" rather than range made interpretation difficult and may create unnecessary public anxiety. **Conclusion:** We prefer that HCFA report range rather than a "point estimate".
3. It was quite time consuming to convert HCFA's Condition/ Procedure codes back to ICD-9-CM Codes. **Conclusion:** We prefer for HCFA to list the actual ICD-9 Codes.
4. Cases included those where Medicare was a secondary provider. These Medicare secondary accounts (which are hand entered by Medicare) had a high data entry error rate. **Conclusion:** Reassess the usefulness of including accounts where Medicare was the secondary payer.

4. DISCREPANCIES BETWEEN HCFA AND LOCAL DATABASES

As we attempted to recreate the HCFA model and to identify cases in our database, we found 315 differences in 310 patients (7.5% of 4,183 patients) between our data and HCFA's.

Database discrepancies ▸ include receiving account numbers instead of record numbers, some accounts that were not found, duplicate accounts, rebilled accounts that were not updated, last names that were incomplete or not correct, age and sex errors, previously unknown deaths (expected because HCFA's data included deaths outside of the hospital), and code errors.

Conclusion: We intend to resolve errors that are in our database.

5. EFFECTS OF NEW MORTALITY DATA

Of the 756 deaths (18.1% of the 4,183 Medicare patients), only 220 (29.1%) occurred during hospitalization (either the admission studied by HCFA or during another admission); and 70.9% occurred after hospitalization and were unknown to us. This may well be a characteristic of a tertiary care, referral center. In fact, 405 deaths (53.6%) occurred more than 30 days after the admission studied and it's unclear if they were relevant to the admissions studied by HCFA.

Conclusion: These data, especially deaths within 30 days of hospitalization, will provide valuable opportunities to analyze some procedures in light of "longer term" outcome.

Sincerely,

Richard Cagen, Administrator

LOGAN HOSPITAL

500 East 1400 North
Logan, UT 84321

Medicare Provider Number: 460015

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,121	8.1	8.6	1.0	11.8	12.5	1.5	14.5	15.6	1.7
CONDITIONS:										
Acute Myocardial Infarction	54	16.7	23.6	7.3	18.5	27.1	7.5	20.4	30.6	7.4
Congestive Heart Failure	36	13.9	13.9	*	19.4	21.4	*	25.0	27.9	*
Pneumonia/Influenza	62	8.1	13.9	5.1	11.3	19.1	6.4	11.3	23.4	7.8
Chronic Obstructive Pulmonary Disease	3	0.0	6.5	*	0.0	11.2	*	0.0	15.6	*
Transient Cerebral Ischemia	6	0.0	1.7	*	0.0	3.8	*	16.7	6.0	*
Stroke	41	17.1	20.4	*	29.3	26.3	*	36.6	30.8	*
Hip Fracture	36	8.3	6.3	*	13.9	11.3	*	13.9	14.7	*
Sepsis	14	28.6	33.2	*	50.0	41.6	*	57.1	48.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	1.1	*	0.0	2.7	*	0.0	4.3	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	34	2.9	2.2	*	11.8	4.1	*	11.8	5.6	*
Open Reduction of Hip Fracture	21	9.5	5.8	*	9.5	10.5	*	9.5	13.7	*
Prostatectomy	81	0.0	0.5	*	0.0	1.2	*	0.0	2.0	*
Cholecystectomy	31	3.2	2.6	*	3.2	4.5	*	3.2	5.9	*
Hysterectomy	12	0.0	0.4	*	0.0	0.8	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	125
Occupancy Rate	50
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	86
Percent of Physicians Board Certified Specialists	77
Medical Residents/Interns	0
Registered Nurses	131
Licensed Practical Nurses	15

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

LOGAN HOSPITAL

Medicare Provider Number: 460015

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,138	7.8	7.9	0.8	10.9	11.6	1.1	13.1	14.7	1.3
CONDITIONS:										
Acute Myocardial Infarction	43	30.2	27.4	*	32.6	30.6	*	34.9	34.0	*
Congestive Heart Failure	30	16.7	12.8	*	23.3	19.7	*	30.0	25.8	*
Pneumonia/Influenza	55	10.9	14.7	5.9	20.0	20.1	5.6	23.6	24.4	6.1
Chronic Obstructive Pulmonary Disease	3	0.0	5.0	*	0.0	9.5	*	33.3	13.7	*
Transient Cerebral Ischemia	8	0.0	1.9	*	12.5	4.1	*	25.0	6.5	*
Stroke	53	17.0	18.0	5.3	26.4	23.7	6.5	30.2	28.0	7.3
Hip Fracture	36	11.1	5.9	*	13.9	10.7	*	19.4	13.8	*
Sepsis	11	45.5	44.7	*	54.5	51.8	*	54.5	58.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	34	5.9	2.9	*	5.9	5.5	*	11.8	7.2	*
Open Reduction of Hip Fracture	21	9.5	4.7	*	14.3	8.9	*	14.3	11.6	*
Prostatectomy	85	2.4	0.8	1.5	3.5	2.1	2.4	4.7	3.6	2.9
Cholecystectomy	33	3.0	1.9	*	6.1	3.5	*	6.1	4.6	*
Hysterectomy	14	0.0	0.3	*	0.0	0.6	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,082	8.4	7.6	1.2	12.5	11.2	1.3	15.2	14.2	1.6
CONDITIONS:										
Acute Myocardial Infarction	55	27.3	26.7	6.1	30.9	30.2	6.2	32.7	33.9	6.5
Congestive Heart Failure	31	16.1	15.1	*	19.4	22.6	*	25.8	29.2	*
Pneumonia/Influenza	51	9.8	14.3	7.4	19.6	20.0	8.3	23.5	24.7	6.1
Chronic Obstructive Pulmonary Disease	6	50.0	9.8	*	50.0	16.6	*	66.7	21.7	*
Transient Cerebral Ischemia	9	0.0	1.9	*	11.1	4.0	*	11.1	6.3	*
Stroke	42	19.0	17.1	*	26.2	23.6	*	28.6	28.2	*
Hip Fracture	33	6.1	5.1	*	12.1	9.8	*	18.2	13.2	*
Sepsis	8	12.5	24.6	*	12.5	31.0	*	12.5	36.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	36	5.6	2.4	*	11.1	4.9	*	13.9	6.8	*
Open Reduction of Hip Fracture	19	0.0	4.2	*	5.3	8.3	*	10.5	11.4	*
Prostatectomy	70	1.4	0.5	1.4	1.4	1.1	1.7	1.4	1.9	2.4
Cholecystectomy	35	2.9	1.9	*	2.9	3.2	*	2.9	4.0	*
Hysterectomy	11	0.0	0.7	*	0.0	1.3	*	0.0	2.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MCKAY-DEE HOSPITAL CENTER

3939 Harrison Blvd
Ogden, UT 84402

Medicare Provider Number: 460004

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,255	7.6	7.4	0.6	11.2	11.2	0.7	14.1	14.4	0.8
CONDITIONS:										
Acute Myocardial Infarction	80	13.7	21.5	9.3	18.8	24.5	9.6	21.2	27.8	9.2
Congestive Heart Failure	107	15.9	13.5	5.3	24.3	21.1	7.4	31.8	27.7	8.1
Pneumonia/Influenza	75	12.0	15.3	4.6	21.3	20.8	4.8	30.7	25.2	5.9
Chronic Obstructive Pulmonary Disease	18	11.1	7.1	*	16.7	11.7	*	33.3	16.0	*
Transient Cerebral Ischemia	26	0.0	1.8	*	0.0	4.0	*	0.0	6.4	*
Stroke	73	15.1	20.5	7.6	23.3	26.6	9.0	27.4	31.0	7.4
Hip Fracture	69	10.1	7.1	4.7	15.9	12.6	5.9	17.4	16.3	5.0
Sepsis	19	21.1	24.3	*	36.8	31.2	*	36.8	37.3	*
PROCEDURES:										
Angioplasty	36	0.0	4.0	*	2.8	4.9	*	2.8	6.0	*
Coronary Artery Bypass Graft	98	2.0	6.3	3.5	4.1	8.8	4.0	7.1	10.3	3.7
Initial Pacemaker Insertion	20	5.0	3.6	*	5.0	7.6	*	10.0	11.3	*
Carotid Endarterectomy	18	11.1	1.6	*	11.1	3.2	*	11.1	4.8	*
Hip Replacement/Reconstruction	68	4.4	2.7	2.3	4.4	4.9	2.8	4.4	6.4	3.7
Open Reduction of Hip Fracture	39	10.3	6.0	*	17.9	11.1	*	20.5	14.5	*
Prostatectomy	98	1.0	0.9	1.2	1.0	2.1	1.8	2.0	3.4	2.3
Cholecystectomy	73	2.7	2.6	2.6	2.7	4.8	3.4	4.1	6.4	4.1
Hysterectomy	23	0.0	0.4	*	0.0	0.7	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	374
Occupancy Rate	60
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	237
Percent of Physicians Board Certified Specialists	73
Medical Residents/Interns	1
Registered Nurses	413
Licensed Practical Nurses	59

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

MCKAY-DEE HOSPITAL CENTER

Medicare Provider Number: 460004

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,343	7.1	7.3	0.6	10.9	11.0	0.8	13.8	14.1	0.9
CONDITIONS:										
Acute Myocardial Infarction	82	17.1	24.2	8.8	23.2	27.5	7.9	28.0	30.9	6.1
Congestive Heart Failure	88	11.4	14.9	5.2	18.2	22.9	6.6	27.3	29.5	6.3
Pneumonia/Influenza	85	14.1	15.7	4.0	17.6	21.3	4.8	22.4	25.7	5.1
Chronic Obstructive Pulmonary Disease	16	6.3	9.6	*	18.8	15.3	*	18.8	19.8	*
Transient Cerebral Ischemia	22	0.0	2.9	*	0.0	6.1	*	9.1	8.9	*
Stroke	81	18.5	18.4	4.3	28.4	24.8	6.3	32.1	29.2	7.5
Hip Fracture	51	7.8	7.2	4.4	15.7	12.7	7.7	19.6	16.2	9.4
Sepsis	22	36.4	26.2	*	36.4	34.5	*	40.9	40.8	*
PROCEDURES:										
Angioplasty	53	3.8	6.3	3.8	5.7	7.5	3.9	11.3	8.7	4.2
Coronary Artery Bypass Graft	104	1.9	7.2	3.5	1.9	9.5	4.2	2.9	10.8	4.5
Initial Pacemaker Insertion	24	4.2	2.8	*	4.2	5.3	*	4.2	7.4	*
Carotid Endarterectomy	18	0.0	1.5	*	0.0	2.9	*	0.0	4.3	*
Hip Replacement/Reconstruction	66	4.5	2.8	2.9	4.5	5.0	2.9	6.1	6.6	3.9
Open Reduction of Hip Fracture	31	6.5	6.2	*	19.4	11.6	*	25.8	15.2	*
Prostatectomy	107	0.9	0.9	1.0	1.9	2.1	1.6	2.8	3.3	2.4
Cholecystectomy	85	1.2	2.3	2.1	3.5	4.2	3.0	3.5	5.7	3.2
Hysterectomy	27	0.0	0.3	*	0.0	0.6	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,234	7.7	7.9	0.6	11.7	12.0	0.9	14.9	15.2	0.9
CONDITIONS:										
Acute Myocardial Infarction	80	22.5	26.4	5.4	23.7	29.7	6.1	25.0	33.2	6.9
Congestive Heart Failure	80	20.0	15.6	5.5	26.2	24.0	5.0	28.7	31.0	5.4
Pneumonia/Influenza	61	16.4	16.6	5.0	21.3	22.3	5.4	31.1	27.1	6.7
Chronic Obstructive Pulmonary Disease	21	19.0	11.2	*	38.1	18.5	*	42.9	24.1	*
Transient Cerebral Ischemia	36	0.0	2.0	*	0.0	4.4	*	2.8	6.9	*
Stroke	92	18.5	19.2	6.3	27.2	26.0	5.5	30.4	30.6	4.9
Hip Fracture	56	7.1	6.8	3.6	12.5	12.5	4.7	12.5	16.3	5.9
Sepsis	13	15.4	22.2	*	23.1	28.7	*	30.8	33.6	*
PROCEDURES:										
Angioplasty	16	6.3	5.4	*	18.8	7.5	*	18.8	9.7	*
Coronary Artery Bypass Graft	88	5.7	6.5	2.7	8.0	9.1	3.7	8.0	10.6	4.1
Initial Pacemaker Insertion	25	4.0	3.8	*	12.0	6.9	*	12.0	9.5	*
Carotid Endarterectomy	13	7.7	2.0	*	7.7	3.9	*	7.7	5.8	*
Hip Replacement/Reconstruction	64	3.1	2.7	2.7	3.1	5.0	3.1	3.1	6.6	3.6
Open Reduction of Hip Fracture	28	7.1	6.0	*	14.3	11.6	*	14.3	15.5	*
Prostatectomy	93	0.0	1.3	1.6	2.2	3.1	2.0	2.2	5.0	3.1
Cholecystectomy	69	0.0	3.0	3.3	0.0	5.0	5.0	1.4	6.4	4.8
Hysterectomy	33	0.0	0.5	*	0.0	0.9	*	3.0	1.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MILFORD VALLEY MEMORIAL HOSPITAL

451 Main St
Milford, UT 84751

Medicare Provider Number: 460025

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	41	9.8	6.5	*	17.1	9.3	*	19.5	11.8	*
CONDITIONS:										
Acute Myocardial Infarction	2	50.0	25.4	*	50.0	28.4	*	50.0	31.4	*
Congestive Heart Failure	2	0.0	10.2	*	0.0	17.0	*	0.0	22.6	*
Pneumonia/Influenza	6	16.7	14.2	*	16.7	20.6	*	33.3	25.3	*
Chronic Obstructive Pulmonary Disease	1	0.0	4.7	*	0.0	8.4	*	0.0	11.7	*
Transient Cerebral Ischemia	0									
Stroke	1	0.0	9.1	*	0.0	12.6	*	0.0	15.5	*
Hip Fracture	1	0.0	1.7	*	0.0	3.6	*	0.0	5.2	*
Sepsis	1	100.0	33.2	*	100.0	39.5	*	100.0	47.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	34
Occupancy Rate	71
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	3
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	5
Licensed Practical Nurses	1

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MILFORD VALLEY MEMORIAL HOSPITAL

Medicare Provider Number: 460025

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	46	2.2	8.2	*	4.3	11.7	*	10.9	15.0	*
CONDITIONS:										
Acute Myocardial Infarction	4	0.0	19.0	*	0.0	21.4	*	0.0	24.0	*
Congestive Heart Failure	7	0.0	8.4	*	0.0	14.1	*	28.6	19.3	*
Pneumonia/Influenza	5	0.0	12.4	*	0.0	17.4	*	0.0	21.8	*
Chronic Obstructive Pulmonary Disease	1	0.0	9.4	*	0.0	17.7	*	0.0	24.7	*
Transient Cerebral Ischemia	0									
Stroke	2	0.0	15.8	*	0.0	21.1	*	0.0	25.7	*
Hip Fracture	1	0.0	4.6	*	0.0	9.1	*	0.0	12.5	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	65	9.2	8.9	3.6	12.3	12.4	4.3	15.4	15.4	4.5
CONDITIONS:										
Acute Myocardial Infarction	3	0.0	41.6	*	0.0	44.9	*	0.0	49.2	*
Congestive Heart Failure	2	50.0	8.2	*	100.0	13.4	*	100.0	18.1	*
Pneumonia/Influenza	6	16.7	12.8	*	33.3	18.5	*	50.0	23.2	*
Chronic Obstructive Pulmonary Disease	1	100.0	8.6	*	100.0	14.0	*	100.0	18.4	*
Transient Cerebral Ischemia	1	0.0	2.3	*	0.0	6.7	*	0.0	12.8	*
Stroke	2	0.0	16.5	*	0.0	22.1	*	0.0	26.5	*
Hip Fracture	0									
Sepsis	2	0.0	32.7	*	0.0	39.0	*	0.0	45.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MONUMENT VALLEY HOSPITAL

Rock Door Canyon POB 4
Monument Valley, UT 84536

Medicare Provider Number: 460024

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	40	15.0	10.7	*	17.5	17.4	*	20.0	23.0	*
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	26.7	*	0.0	29.5	*	0.0	33.0	*
Congestive Heart Failure	5	20.0	16.7	*	20.0	26.7	*	20.0	34.6	*
Pneumonia/Influenza	4	25.0	19.9	*	25.0	27.7	*	50.0	33.4	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	1	100.0	27.5	*	100.0	40.8	*	100.0	47.7	*
Hip Fracture	0									
Sepsis	2	0.0	25.2	*	0.0	31.8	*	0.0	37.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	23
Occupancy Rate	22
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	5
Percent of Physicians Board Certified Specialists	20
Medical Residents/Interns	0
Registered Nurses	11
Licensed Practical Nurses	2

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MONUMENT VALLEY HOSPITAL

Medicare Provider Number: 460024

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	52	7.7	10.6	4.9	11.5	15.5	6.3	13.5	19.8	8.6
CONDITIONS:										
Acute Myocardial Infarction	2	0.0	40.3	*	0.0	45.6	*	0.0	50.3	*
Congestive Heart Failure	5	20.0	12.3	*	20.0	18.0	*	20.0	23.2	*
Pneumonia/Influenza	5	0.0	19.7	*	20.0	26.2	*	20.0	31.2	*
Chronic Obstructive Pulmonary Disease	1	0.0	7.8	*	0.0	13.2	*	0.0	18.0	*
Transient Cerebral Ischemia	0									
Stroke	1	0.0	15.1	*	0.0	19.4	*	0.0	23.2	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	33	9.1	10.8	*	12.1	15.9	*	12.1	19.8	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	6	33.3	19.5	*	33.3	26.6	*	33.3	31.9	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	2	0.0	38.4	*	0.0	42.6	*	0.0	46.5	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MOUNTAINVIEW HOSPITAL

1000 E Hwy 6
Payson, UT 84651

Medicare Provider Number: 460013

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	720	6.7	5.7	1.2	10.8	8.8	1.5	11.9	11.3	1.4
CONDITIONS:										
Acute Myocardial Infarction	9	44.4	29.7	*	55.6	32.5	*	55.6	36.0	*
Congestive Heart Failure	21	9.5	12.1	*	23.8	19.5	*	28.6	25.9	*
Pneumonia/Influenza	31	12.9	12.3	*	22.6	17.0	*	25.8	20.9	*
Chronic Obstructive Pulmonary Disease	1	0.0	8.7	*	0.0	14.1	*	0.0	20.0	*
Transient Cerebral Ischemia	5	0.0	1.4	*	0.0	3.0	*	0.0	4.8	*
Stroke	14	21.4	16.4	*	21.4	21.7	*	21.4	25.7	*
Hip Fracture	30	16.7	5.8	*	23.3	10.5	*	26.7	13.7	*
Sepsis	15	13.3	21.1	*	20.0	26.5	*	20.0	31.2	*
PROCEDURES:										
Angioplasty	4	0.0	6.0	*	0.0	7.4	*	0.0	9.0	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	2.6	*	14.3	5.6	*	14.3	8.4	*
Carotid Endarterectomy	7	0.0	1.1	*	0.0	2.0	*	0.0	2.9	*
Hip Replacement/Reconstruction	20	0.0	0.8	*	0.0	1.4	*	0.0	2.1	*
Open Reduction of Hip Fracture	24	16.7	5.0	*	25.0	9.5	*	29.2	12.5	*
Prostatectomy	52	0.0	0.9	*	0.0	1.7	*	0.0	2.7	*
Cholecystectomy	39	7.7	4.1	*	15.4	7.2	*	15.4	9.0	*
Hysterectomy	5	0.0	0.3	*	0.0	0.6	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	118
Occupancy Rate	41
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	44
Percent of Physicians Board Certified Specialists	75
Medical Residents/Interns	0
Registered Nurses	79
Licensed Practical Nurses	31

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MOUNTAINVIEW HOSPITAL

Medicare Provider Number: 460013

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	748	7.8	5.6	1.3	11.1	8.7	1.6	14.3	11.2	1.7
CONDITIONS:										
Acute Myocardial Infarction	11	45.5	25.8	*	45.5	28.2	*	45.5	31.1	*
Congestive Heart Failure	22	22.7	12.8	*	31.8	20.0	*	36.4	26.2	*
Pneumonia/Influenza	25	20.0	15.9	*	20.0	21.1	*	28.0	25.5	*
Chronic Obstructive Pulmonary Disease	4	50.0	17.4	*	50.0	24.8	*	75.0	30.3	*
Transient Cerebral Ischemia	11	0.0	2.0	*	0.0	4.3	*	0.0	6.8	*
Stroke	17	17.6	19.9	*	47.1	26.3	*	47.1	31.0	*
Hip Fracture	30	16.7	6.3	*	20.0	11.0	*	23.3	14.0	*
Sepsis	19	21.1	24.1	*	26.3	31.4	*	26.3	37.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	0.0	1.5	*	0.0	3.2	*	0.0	4.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	52	3.8	1.5	2.6	3.8	2.7	2.8	3.8	3.6	3.2
Open Reduction of Hip Fracture	20	15.0	5.1	*	20.0	9.7	*	25.0	12.7	*
Prostatectomy	41	0.0	0.7	*	0.0	1.7	*	2.4	2.8	*
Cholecystectomy	47	10.6	3.1	*	14.9	5.3	*	17.0	6.7	*
Hysterectomy	7	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	649	8.9	6.0	1.4	12.8	9.1	1.7	15.7	11.7	1.9
CONDITIONS:										
Acute Myocardial Infarction	18	44.4	33.0	*	55.6	36.3	*	55.6	39.8	*
Congestive Heart Failure	23	4.3	13.2	*	13.0	19.9	*	21.7	25.9	*
Pneumonia/Influenza	22	4.5	14.0	*	4.5	19.3	*	4.5	23.7	*
Chronic Obstructive Pulmonary Disease	5	0.0	14.4	*	20.0	21.4	*	20.0	26.8	*
Transient Cerebral Ischemia	4	0.0	3.2	*	0.0	7.0	*	0.0	11.4	*
Stroke	17	23.5	19.3	*	35.3	25.9	*	41.2	30.6	*
Hip Fracture	39	28.2	6.4	*	28.2	11.3	*	30.8	14.4	*
Sepsis	7	28.6	19.2	*	28.6	26.6	*	57.1	32.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.6	*	0.0	3.5	*	0.0	5.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	46	8.7	2.3	*	8.7	4.1	*	8.7	5.3	*
Open Reduction of Hip Fracture	24	20.8	5.3	*	20.8	10.0	*	25.0	13.0	*
Prostatectomy	35	0.0	0.7	*	2.9	1.7	*	2.9	2.9	*
Cholecystectomy	44	9.1	2.1	*	11.4	3.6	*	11.4	4.8	*
Hysterectomy	4	0.0	0.3	*	0.0	0.5	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

OREM COMMUNITY HOSPITAL

331 North 400 West
Orem, UT 84057

Medicare Provider Number: 460043

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	53	1.9	6.9	4.8	3.8	9.3	6.1	3.8	11.5	6.9
CONDITIONS:										
Acute Myocardial Infarction	3	33.3	43.8	*	33.3	47.7	*	33.3	52.0	*
Congestive Heart Failure	1	0.0	31.2	*	0.0	48.9	*	0.0	60.4	*
Pneumonia/Influenza	4	0.0	10.5	*	0.0	14.4	*	0.0	17.8	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	1	0.0	39.8	*	0.0	50.8	*	0.0	57.0	*
Hip Fracture	2	0.0	8.6	*	0.0	14.3	*	0.0	17.9	*
Sepsis	1	0.0	8.1	*	0.0	10.9	*	0.0	13.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	0.0	2.6	*	0.0	4.6	*	0.0	6.0	*
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	0.8	*	0.0	1.7	*	0.0	2.7	*
Cholecystectomy	0									
Hysterectomy	1	0.0	0.1	*	0.0	0.1	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	20
Occupancy Rate	45
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	54
Percent of Physicians Board Certified Specialists	61
Medical Residents/Interns	0
Registered Nurses	30
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

OREM COMMUNITY HOSPITAL

Medicare Provider Number: 460043

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	46	0.0	1.8	*	0.0	2.8	*	0.0	3.8	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	2	0.0	13.3	*	0.0	18.0	*	0.0	21.5	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	0.0	0.5	*	0.0	1.1	*	0.0	1.8	*
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	0.5	*	0.0	0.9	*	0.0	1.3	*
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	1.3	*	0.0	2.7	*	0.0	3.7	*
Hysterectomy	2	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	56	1.8	2.2	2.1	1.8	3.6	2.9	5.4	4.9	3.0
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	1	0.0	7.0	*	0.0	11.4	*	0.0	15.4	*
Pneumonia/Influenza	1	0.0	16.5	*	0.0	22.1	*	100.0	27.0	*
Chronic Obstructive Pulmonary Disease	1	100.0	8.9	*	100.0	15.1	*	100.0	20.1	*
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	1	0.0	10.6	*	0.0	16.8	*	100.0	20.3	*
Sepsis	1	0.0	21.3	*	0.0	24.9	*	0.0	29.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	0.4	*	0.0	0.6	*	0.0	0.9	*
Open Reduction of Hip Fracture	1	0.0	9.2	*	0.0	15.5	*	100.0	19.0	*
Prostatectomy	5	0.0	0.6	*	0.0	1.4	*	0.0	2.3	*
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

PARKSIDE RECOVERY CTR/SALT LAKE CITY

1255 East 3900 South
Salt Lake City, UT 84124

Medicare Provider Number: 460048

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3	0.0	0.9	*	0.0	1.7	*	0.0	2.5	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1988

Total Beds	39
Ownership/Control	Church
STAFFING:	
Medical Residents/Interns	0
Registered Nurses	5
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	No
Hospice	No
Intensive Care Unit	Yes
Organ Transplant	No
Rehabilitation	No
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

PARKSIDE RECOVERY CTR/SALT LAKE CITY

Medicare Provider Number: 460048

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	0									
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	0									
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

PIONEER VALLEY HOSPITAL

3460 South Pioneer Parkway
West Valley City, UT 84120

Medicare Provider Number: 460008

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	734	8.2	8.1	1.0	11.3	11.8	1.3	14.4	14.8	1.6
CONDITIONS:										
Acute Myocardial Infarction	22	18.2	21.0	*	22.7	23.4	*	22.7	26.1	*
Congestive Heart Failure	31	9.7	12.8	*	9.7	19.9	*	12.9	26.1	*
Pneumonia/Influenza	32	9.4	15.4	*	18.8	20.5	*	18.8	24.5	*
Chronic Obstructive Pulmonary Disease	10	0.0	7.6	*	0.0	14.3	*	10.0	20.2	*
Transient Cerebral Ischemia	10	10.0	1.9	*	10.0	4.2	*	10.0	6.7	*
Stroke	22	31.8	19.1	*	40.9	24.7	*	50.0	28.9	*
Hip Fracture	19	15.8	7.9	*	26.3	13.8	*	36.8	17.6	*
Sepsis	4	100.0	26.5	*	100.0	33.1	*	100.0	38.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	3.9	*	0.0	7.7	*	0.0	11.3	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	21	4.8	3.1	*	9.5	5.7	*	14.3	7.3	*
Open Reduction of Hip Fracture	7	0.0	8.1	*	14.3	14.5	*	28.6	18.6	*
Prostatectomy	14	7.1	0.8	*	7.1	1.9	*	7.1	3.3	*
Cholecystectomy	40	5.0	1.9	*	5.0	3.3	*	5.0	4.3	*
Hysterectomy	8	0.0	0.8	*	0.0	1.8	*	0.0	2.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	139
Occupancy Rate	41
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	65
Percent of Physicians Board Certified Specialists	72
Medical Residents/Interns	1
Registered Nurses	95
Licensed Practical Nurses	20

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

PIONEER VALLEY HOSPITAL

Medicare Provider Number: 460008

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	665	9.8	8.8	1.3	14.4	12.9	1.6	17.6	16.2	1.7
CONDITIONS:										
Acute Myocardial Infarction	37	24.3	26.5	*	35.1	29.1	*	37.8	32.1	*
Congestive Heart Failure	36	16.7	16.9	*	27.8	25.3	*	38.9	32.1	*
Pneumonia/Influenza	32	12.5	16.1	*	12.5	21.6	*	25.0	26.0	*
Chronic Obstructive Pulmonary Disease	13	0.0	7.4	*	0.0	12.7	*	7.7	17.1	*
Transient Cerebral Ischemia	11	0.0	1.9	*	0.0	3.9	*	0.0	6.0	*
Stroke	15	13.3	26.7	*	13.3	34.3	*	20.0	39.1	*
Hip Fracture	20	10.0	6.8	*	15.0	12.3	*	20.0	15.7	*
Sepsis	3	33.3	19.9	*	33.3	27.6	*	33.3	33.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	6.8	*	33.3	11.5	*	33.3	15.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	15	6.7	4.1	*	13.3	7.9	*	13.3	10.3	*
Open Reduction of Hip Fracture	6	16.7	8.6	*	16.7	15.7	*	16.7	20.1	*
Prostatectomy	6	0.0	0.3	*	0.0	0.6	*	0.0	1.1	*
Cholecystectomy	16	0.0	2.5	*	0.0	4.1	*	0.0	5.1	*
Hysterectomy	4	0.0	0.9	*	0.0	2.3	*	0.0	3.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	634	10.3	8.1	1.8	13.6	12.2	1.7	16.7	15.6	1.8
CONDITIONS:										
Acute Myocardial Infarction	28	25.0	28.5	*	32.1	31.2	*	39.3	34.4	*
Congestive Heart Failure	29	24.1	14.6	*	27.6	22.2	*	31.0	28.7	*
Pneumonia/Influenza	31	32.3	12.9	*	35.5	18.2	*	35.5	22.4	*
Chronic Obstructive Pulmonary Disease	5	20.0	6.8	*	20.0	11.8	*	20.0	16.1	*
Transient Cerebral Ischemia	7	0.0	1.8	*	0.0	3.8	*	0.0	6.0	*
Stroke	21	23.8	18.3	*	33.3	25.0	*	33.3	29.5	*
Hip Fracture	10	10.0	6.1	*	10.0	11.1	*	20.0	14.4	*
Sepsis	4	0.0	20.2	*	0.0	27.0	*	0.0	31.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.5	*	0.0	3.2	*	0.0	5.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	11	0.0	4.0	*	9.1	8.5	*	18.2	12.0	*
Open Reduction of Hip Fracture	4	25.0	4.5	*	25.0	8.3	*	25.0	10.9	*
Prostatectomy	11	0.0	0.6	*	0.0	1.4	*	0.0	2.4	*
Cholecystectomy	23	0.0	2.5	*	0.0	4.2	*	0.0	5.3	*
Hysterectomy	3	0.0	0.9	*	33.3	2.3	*	33.3	3.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

577.1

PIONEER
VALLEY
HOSPITAL

Medicare Provider No. 460008

January 8, 1991

Ms. Gail R. Wilensky, Administrator
Health Care Financing Administration
Health Standards and Quality Bureau
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Re: Medicare Hospital Mortality Information - 1989

Dear Ms. Wilensky:

Pioneer Valley Hospital appreciates the opportunity to participate in the analysis of the Medicare Hospital Mortality Study. This process provides our hospital another opportunity to evaluate the quality of care provided to our patients and facilitate our goal to continually improve that quality for the benefit of our patients.

We realize that this study reports statistics which reflect a difference between the observed and the expected mortality rates given the ability of HCFA's model to adjust for patient mix. However, the information does not in itself say why there are differences and is not in itself a measure of hospital performance. In fact, HCFA acknowleges that the precision and interpretability of their estimates are questionable when there are no deaths or 50 or fewer cases in a particular category being analyzed. This is indicated under the standard deviation category, on the "FY 1989 Medicare Mortality Rate" table by an asterisk ("*").

The following information is provided to facilitate the public interpretation of the mortality report and contribute to the evolving process of evaluating the information gathered for this study.

In 1989, there was a total of 734 Medicare patients who had an acute care admission to Pioneer Valley Hospital. The observed deaths at 30, 90 and 180 days after admission for these 734 admissions were found to be within the HCFA predicted rates. However, in 8/17 condition or procedure categories we had observed mortality rates which exceeded HCFA's predicted rates. Although the total number of patients in each of these 8 categories were less than 50 and the significance of the difference is not predictable with such small numbers, the deaths in these 8 categories were reviewed for this supplemental report.

4/4 = 100% of the patients in the sepsis category were observed to have died within 180 days of admission. The average age of the patients in this category is 73.25 years old (range 54-91). 1/4 had a cardiovascular co-morbidity which complicated the admission prognosis. 3/4 had complicating factors which contributed to the high mortality in this category including, but not limited to, debilitating multiple sclerosis, self-induced rectal perforation resulting in massive peritonitis and long-term infectious processes such as urinary tract infections. All 4 patients were admitted in critical condition with clinical deterioration inspite of aggressive medical intervention.

11/22 patients in the stroke category and 1/10 patients in the transient cerebral ischemia (TCA) category died within 180 days of admission. 100% of these deaths occurred sometime after discharge from our facility. Therefore, specific information regarding these deaths was not readily available. However, 100% of the patients who died in both of these

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PURSUANT TO UTAH CODE ANNOTATED SS 26-25-1, ET. SEQ., 58-12-43 (7,8,&9), & 58-12-25.

categories were admitted to this facility for problems related to their cardiovascular problems within 180 days of their death. 10/11 of the patients in the stroke category were admitted with a primary diagnosis which fit into the category of moderately severe cardiovascular and circulatory disorder. The 11th patient in the stroke category had an emergent admission for a primary diagnosis in the catastrophic category.

9/19 patients in the hip fracture category, 4/21 patients in the hip replacement reconstruction category and 3/7 patients in the open reduction of hip fracture category were observed to have died within 180 days from admission. 13/16 = 81% of these deaths occurred after the patient was discharged from the hospital and specific information regarding these deaths were not readily available. 16/16 = 100% of the mortalities were admitted within 180 days of their death for conditions fitting into the following categories: (a) 9/16 = 56% - cardiovasuclar; (b) 4/16 = 25% - cancer; and (c) 2/16 = 12.5% fit into both the cancer and cardiovascular categories. The average age of the patients in these three categories was 83.05 years old.

2/14 patients in the prostatectomy category were observed to have died within 180 days of admission. These two cases were the only elective admission of all the deaths reported in this mortality study. One patient had a sudden collapse on the third post-operative day. This collapse was attributed to massive bilateral pulmonary embolisms as diagnosed on autopsy. The other patient died after discharge from the hospital, therefore, specific information regarding the circumstance of death is not available. However, this patient was admitted for treatment of leukemia and complications resulting from his prostatic cancer.

2/40 patients in the cholecystectomy category was observed to have died within 180 days of admission. Both patients were admitted with complicating comorbid conditions of the cardiovascular or hepatic systems. One patient presented to the hospital in critical condition with associated with embolic phenomenon causing visceral organ failure.

In summary, 29/36 = 80.5% of the deaths reported in this study occurred after the patients were discharged from the hospital. Therefore, conclusions regarding these deaths are not reliable. The differences in the observed deaths compared to the HCFA predicted deaths may be due to the small numbers in the categories for our facility. No pattern of inferior care was noted in that the deaths were distributed evenly among treating physicians.

This information comprises the supplemental comments submitted to HCFA to facilitate additional insights to the statistical comparisons of observed and predicted Medicare mortality rates for 1989. Again, we appreciate the opportunity to provide this information and we have used this exercise as a tool to evaluate and implement other mechanisms to assess the quality of care rendered at this facility. We value the opportunity to participate in this effort to improve the delivery of healthcare in this nation.

Sincerely,

Karie Minaga-Miya

Kay Matsumura,
Administrator

Karie Minaga-Miya,
Director Quality Assurance/Risk Management

KM/kmm
Enclosures

SAN JUAN HOSPITAL

384 West 300 North
Monticello, UT 84535

Medicare Provider Number: 460020

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	85	18.8	10.3	5.1	27.1	15.9	6.4	31.8	20.5	6.9
CONDITIONS:										
Acute Myocardial Infarction	5	60.0	23.4	*	60.0	26.0	*	60.0	29.3	*
Congestive Heart Failure	2	0.0	14.8	*	0.0	22.6	*	0.0	29.6	*
Pneumonia/Influenza	10	30.0	13.1	*	30.0	18.2	*	40.0	22.5	*
Chronic Obstructive Pulmonary Disease	4	0.0	6.1	*	25.0	11.7	*	25.0	16.8	*
Transient Cerebral Ischemia	0									
Stroke	2	50.0	23.3	*	100.0	31.1	*	100.0	36.4	*
Hip Fracture	0									
Sepsis	1	100.0	34.3	*	100.0	41.7	*	100.0	48.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	0.7	*	0.0	1.2	*	0.0	1.6	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	22
Occupancy Rate	27
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	8
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	6
Licensed Practical Nurses	8

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

SAN JUAN HOSPITAL

Medicare Provider Number: 460020

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	83	6.0	9.0	3.3	16.9	13.2	4.6	22.9	16.7	4.5
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	36.7	*	100.0	39.7	*	100.0	43.7	*
Congestive Heart Failure	1	0.0	7.9	*	0.0	12.5	*	0.0	16.9	*
Pneumonia/Influenza	9	0.0	12.9	*	0.0	18.1	*	0.0	22.1	*
Chronic Obstructive Pulmonary Disease	2	0.0	8.8	*	0.0	13.0	*	50.0	18.1	*
Transient Cerebral Ischemia	1	0.0	1.0	*	0.0	2.1	*	0.0	3.1	*
Stroke	0									
Hip Fracture	0									
Sepsis	3	0.0	39.1	*	33.3	47.5	*	33.3	55.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	0.9	*	0.0	1.6	*	0.0	2.2	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	82	8.5	9.5	5.7	19.5	14.9	5.6	23.2	19.1	5.6
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	26.7	*	0.0	29.1	*	0.0	32.0	*
Congestive Heart Failure	5	0.0	10.3	*	20.0	15.9	*	20.0	21.1	*
Pneumonia/Influenza	11	18.2	14.5	*	27.3	20.4	*	36.4	24.9	*
Chronic Obstructive Pulmonary Disease	4	25.0	10.3	*	25.0	19.5	*	50.0	27.2	*
Transient Cerebral Ischemia	2	0.0	1.4	*	0.0	2.8	*	0.0	4.3	*
Stroke	1	0.0	26.9	*	0.0	34.2	*	0.0	40.0	*
Hip Fracture	0									
Sepsis	1	0.0	29.2	*	0.0	33.5	*	0.0	38.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	1.2	*	0.0	2.1	*	0.0	2.8	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

SANPETE HOSPITAL

1100 S Medical Dr
Mount Pleasant, UT 84647

Medicare Provider Number: 460029

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	86	10.5	8.7	4.0	14.0	12.4	4.1	18.6	15.7	4.3
CONDITIONS:										
Acute Myocardial Infarction	3	0.0	29.3	*	66.7	31.5	*	66.7	33.9	*
Congestive Heart Failure	4	25.0	13.3	*	25.0	20.2	*	25.0	26.3	*
Pneumonia/Influenza	9	22.2	12.3	*	33.3	16.6	*	33.3	20.4	*
Chronic Obstructive Pulmonary Disease	3	0.0	5.6	*	0.0	10.1	*	0.0	14.0	*
Transient Cerebral Ischemia	1	0.0	6.1	*	0.0	15.1	*	100.0	25.1	*
Stroke	2	0.0	19.1	*	0.0	24.5	*	0.0	28.9	*
Hip Fracture	0									
Sepsis	2	0.0	17.7	*	0.0	20.9	*	0.0	24.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	1	0.0	0.3	*	0.0	0.6	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	20
Occupancy Rate	75
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	58
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	6
Licensed Practical Nurses	7

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

SANPETE HOSPITAL

Medicare Provider Number: 460029

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	76	13.2	8.2	4.4	15.8	12.1	4.6	15.8	15.1	5.3
CONDITIONS:										
Acute Myocardial Infarction	3	66.7	49.1	*	66.7	52.8	*	66.7	56.4	*
Congestive Heart Failure	4	0.0	12.4	*	0.0	19.3	*	0.0	25.0	*
Pneumonia/Influenza	4	25.0	10.4	*	25.0	14.3	*	25.0	17.4	*
Chronic Obstructive Pulmonary Disease	1	0.0	3.9	*	0.0	8.2	*	0.0	12.1	*
Transient Cerebral Ischemia	1	0.0	2.0	*	0.0	4.1	*	0.0	6.4	*
Stroke	3	66.7	16.2	*	66.7	21.7	*	66.7	25.9	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	1.5	*	0.0	2.2	*	0.0	2.8	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	88	11.4	9.5	4.8	17.0	13.3	5.9	19.3	16.5	5.9
CONDITIONS:										
Acute Myocardial Infarction	8	12.5	21.9	*	12.5	24.2	*	12.5	26.9	*
Congestive Heart Failure	3	33.3	21.2	*	66.7	33.8	*	66.7	43.6	*
Pneumonia/Influenza	6	16.7	24.1	*	50.0	32.3	*	50.0	37.9	*
Chronic Obstructive Pulmonary Disease	3	0.0	9.2	*	0.0	15.7	*	0.0	21.1	*
Transient Cerebral Ischemia	1	0.0	2.2	*	0.0	4.5	*	0.0	7.1	*
Stroke	4	75.0	16.6	*	75.0	22.6	*	75.0	27.0	*
Hip Fracture	2	0.0	6.4	*	50.0	12.0	*	50.0	15.9	*
Sepsis	2	50.0	34.3	*	50.0	41.5	*	50.0	49.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	0.8	*	0.0	1.5	*	0.0	2.0	*
Hysterectomy	1	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

SEVIER VALLEY HOSPITAL

1100 N Main
Richfield, UT 84701

Medicare Provider Number: 460026

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	213	8.5	7.1	2.1	13.6	10.7	3.1	18.8	13.8	4.0
CONDITIONS:										
Acute Myocardial Infarction	6	50.0	26.2	*	50.0	29.0	*	50.0	31.8	*
Congestive Heart Failure	15	26.7	12.1	*	33.3	19.5	*	46.7	25.7	*
Pneumonia/Influenza	12	0.0	13.2	*	16.7	18.2	*	25.0	22.3	*
Chronic Obstructive Pulmonary Disease	7	0.0	8.2	*	0.0	14.5	*	14.3	19.7	*
Transient Cerebral Ischemia	1	0.0	1.2	*	0.0	2.6	*	0.0	4.1	*
Stroke	5	40.0	18.8	*	60.0	25.0	*	60.0	29.1	*
Hip Fracture	1	0.0	4.6	*	0.0	8.5	*	0.0	11.4	*
Sepsis	2	0.0	29.0	*	0.0	35.0	*	50.0	42.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	1.2	*	0.0	1.9	*	0.0	2.2	*
Hysterectomy	1	0.0	0.0	*	0.0	0.1	*	0.0	0.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	27
Occupancy Rate	37
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	6
Percent of Physicians Board Certified Specialists	67
Medical Residents/Interns	0
Registered Nurses	18
Licensed Practical Nurses	9

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

SEVIER VALLEY HOSPITAL

Medicare Provider Number: 460026

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	245	9.8	8.0	2.5	12.7	11.3	2.1	17.6	14.1	2.5
CONDITIONS:										
Acute Myocardial Infarction	10	10.0	23.6	*	10.0	27.2	*	20.0	30.7	*
Congestive Heart Failure	12	8.3	11.2	*	16.7	18.3	*	25.0	24.5	*
Pneumonia/Influenza	14	21.4	16.2	*	28.6	22.0	*	28.6	26.6	*
Chronic Obstructive Pulmonary Disease	2	0.0	7.6	*	0.0	11.8	*	0.0	15.9	*
Transient Cerebral Ischemia	2	0.0	1.6	*	0.0	3.5	*	0.0	5.5	*
Stroke	9	11.1	20.6	*	22.2	26.9	*	33.3	31.7	*
Hip Fracture	0									
Sepsis	4	50.0	40.9	*	50.0	47.3	*	50.0	52.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	1.7	*	0.0	2.5	*	0.0	3.2	*
Hysterectomy	4	0.0	0.4	*	0.0	0.8	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	237	10.1	7.0	2.1	13.9	9.9	2.4	18.6	12.6	2.9
CONDITIONS:										
Acute Myocardial Infarction	15	13.3	18.7	*	13.3	21.9	*	20.0	25.4	*
Congestive Heart Failure	9	11.1	12.1	*	22.2	18.7	*	22.2	24.6	*
Pneumonia/Influenza	12	16.7	12.8	*	16.7	17.6	*	25.0	21.7	*
Chronic Obstructive Pulmonary Disease	5	40.0	12.0	*	40.0	19.1	*	40.0	24.2	*
Transient Cerebral Ischemia	2	0.0	1.3	*	0.0	2.7	*	0.0	4.2	*
Stroke	4	0.0	17.2	*	0.0	23.1	*	50.0	27.7	*
Hip Fracture	0									
Sepsis	5	60.0	35.3	*	60.0	42.0	*	60.0	48.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	6	0.0	7.4	*	0.0	9.0	*	0.0	10.3	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST BENEDICTS HOSPITAL

5475 Adams
Ogden, UT 84403

Medicare Provider Number: 460005

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,332	9.5	8.6	1.4	14.9	13.3	1.9	17.9	16.9	2.0
CONDITIONS:										
Acute Myocardial Infarction	48	29.2	24.8	*	31.3	28.0	*	35.4	31.3	*
Congestive Heart Failure	44	15.9	13.7	*	29.5	21.3	*	31.8	27.8	*
Pneumonia/Influenza	47	17.0	16.9	*	21.3	23.3	*	29.8	28.3	*
Chronic Obstructive Pulmonary Disease	21	9.5	8.2	*	9.5	14.3	*	19.0	19.9	*
Transient Cerebral Ischemia	15	6.7	1.7	*	6.7	3.8	*	6.7	6.1	*
Stroke	59	15.3	16.9	6.6	20.3	22.7	7.9	22.0	26.6	9.0
Hip Fracture	33	12.1	6.4	*	15.2	11.4	*	18.2	14.6	*
Sepsis	11	18.2	33.7	*	27.3	42.7	*	27.3	50.1	*
PROCEDURES:										
Angioplasty	2	0.0	7.3	*	0.0	8.4	*	50.0	9.8	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	18	5.6	3.9	*	16.7	6.8	*	16.7	9.6	*
Carotid Endarterectomy	9	0.0	1.5	*	0.0	2.7	*	0.0	4.0	*
Hip Replacement/Reconstruction	37	8.1	2.7	*	8.1	5.3	*	10.8	7.5	*
Open Reduction of Hip Fracture	19	5.3	6.1	*	10.5	11.1	*	10.5	14.2	*
Prostatectomy	44	0.0	0.9	*	0.0	2.1	*	0.0	3.6	*
Cholecystectomy	44	0.0	2.7	*	2.3	4.5	*	4.5	5.7	*
Hysterectomy	7	0.0	0.4	*	0.0	0.9	*	0.0	1.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	195
Occupancy Rate	55
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	182
Percent of Physicians Board Certified Specialists	82
Medical Residents/Interns	0
Registered Nurses	209
Licensed Practical Nurses	51

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

ST BENEDICTS HOSPITAL

Medicare Provider Number: 460005

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,361	10.6	8.8	1.1	15.8	13.7	1.3	18.6	17.6	1.4
CONDITIONS:										
Acute Myocardial Infarction	48	27.1	26.9	*	33.3	30.2	*	33.3	33.8	*
Congestive Heart Failure	51	15.7	14.6	5.0	25.5	22.1	6.5	27.5	28.4	7.0
Pneumonia/Influenza	58	17.2	16.1	5.4	24.1	21.6	5.8	24.1	26.0	6.2
Chronic Obstructive Pulmonary Disease	23	17.4	5.9	*	26.1	10.6	*	26.1	14.9	*
Transient Cerebral Ischemia	17	0.0	2.2	*	5.9	4.7	*	11.8	7.5	*
Stroke	47	23.4	18.5	*	29.8	24.9	*	31.9	29.2	*
Hip Fracture	25	8.0	7.4	*	24.0	13.2	*	32.0	16.6	*
Sepsis	7	42.9	26.9	*	57.1	37.1	*	71.4	44.3	*
PROCEDURES:										
Angioplasty	7	28.6	9.6	*	28.6	10.8	*	28.6	12.2	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	15	6.7	2.4	*	13.3	4.7	*	13.3	7.0	*
Carotid Endarterectomy	13	0.0	1.6	*	0.0	3.0	*	7.7	4.4	*
Hip Replacement/Reconstruction	27	3.7	2.4	*	7.4	4.5	*	14.8	6.0	*
Open Reduction of Hip Fracture	13	7.7	7.6	*	23.1	14.1	*	30.8	18.0	*
Prostatectomy	33	3.0	1.8	*	3.0	4.4	*	3.0	7.1	*
Cholecystectomy	56	5.4	2.9	3.0	5.4	5.1	3.7	7.1	6.8	4.2
Hysterectomy	10	10.0	0.5	*	10.0	0.8	*	10.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,276	9.2	8.7	1.3	15.0	13.6	1.6	17.9	17.3	1.3
CONDITIONS:										
Acute Myocardial Infarction	24	12.5	24.1	*	16.7	27.3	*	16.7	30.4	*
Congestive Heart Failure	45	17.8	14.6	*	24.4	21.9	*	31.1	28.2	*
Pneumonia/Influenza	44	18.2	16.6	*	25.0	22.7	*	27.3	27.8	*
Chronic Obstructive Pulmonary Disease	24	16.7	13.5	*	33.3	21.8	*	33.3	27.6	*
Transient Cerebral Ischemia	24	4.2	2.5	*	4.2	5.3	*	8.3	8.0	*
Stroke	49	30.6	20.0	*	40.8	27.1	*	44.9	31.5	*
Hip Fracture	34	5.9	5.9	*	11.8	10.5	*	11.8	13.4	*
Sepsis	7	14.3	22.9	*	28.6	32.5	*	42.9	39.3	*
PROCEDURES:										
Angioplasty	1	0.0	14.5	*	0.0	20.3	*	100.0	24.2	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	0.0	2.6	*	0.0	5.1	*	0.0	7.7	*
Carotid Endarterectomy	13	0.0	1.8	*	7.7	3.6	*	15.4	5.3	*
Hip Replacement/Reconstruction	28	3.6	1.7	*	3.6	3.3	*	3.6	4.5	*
Open Reduction of Hip Fracture	20	5.0	5.6	*	15.0	10.3	*	15.0	13.2	*
Prostatectomy	59	0.0	1.2	1.9	1.7	2.7	2.5	3.4	4.4	3.2
Cholecystectomy	35	2.9	3.2	*	5.7	5.5	*	5.7	7.0	*
Hysterectomy	16	0.0	1.2	*	6.3	2.5	*	6.3	3.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

TOOELE VALLEY REGIONAL MEDICAL CENTER

211 South 100 East
Tooele, UT 84074

Medicare Provider Number: 460014

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	169	7.7	8.4	3.3	10.7	12.5	3.9	13.6	16.2	4.4
CONDITIONS:										
Acute Myocardial Infarction	5	40.0	31.2	*	40.0	34.5	*	40.0	38.1	*
Congestive Heart Failure	7	14.3	17.1	*	42.9	27.0	*	42.9	34.8	*
Pneumonia/Influenza	10	20.0	15.4	*	20.0	20.7	*	30.0	25.1	*
Chronic Obstructive Pulmonary Disease	1	0.0	5.1	*	0.0	8.8	*	0.0	12.3	*
Transient Cerebral Ischemia	0									
Stroke	9	33.3	23.0	*	33.3	29.0	*	33.3	33.9	*
Hip Fracture	3	0.0	4.5	*	0.0	8.1	*	0.0	10.6	*
Sepsis	3	0.0	22.5	*	0.0	26.3	*	0.0	30.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	2	0.0	3.2	*	0.0	6.1	*	0.0	8.2	*
Prostatectomy	12	0.0	2.1	*	0.0	5.5	*	0.0	9.4	*
Cholecystectomy	5	0.0	1.6	*	0.0	2.5	*	0.0	3.3	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1991

Total Beds	38
Ownership/Control	Local Government

STAFFING:

Medical Residents/Interns	0
Registered Nurses	28
Licensed Practical Nurses	11

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	Yes
Hospice	No
Intensive Care Unit	No
Organ Transplant	Yes
Rehabilitation	No
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

TOOELE VALLEY REGIONAL MEDICAL CENTER

Medicare Provider Number: 460014

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	166	9.6	9.3	3.3	14.5	13.6	2.9	18.1	17.2	3.1
CONDITIONS:										
Acute Myocardial Infarction	9	22.2	21.8	*	22.2	24.6	*	22.2	27.7	*
Congestive Heart Failure	10	10.0	14.0	*	40.0	21.0	*	50.0	27.1	*
Pneumonia/Influenza	19	0.0	13.4	*	5.3	18.1	*	5.3	22.3	*
Chronic Obstructive Pulmonary Disease	3	0.0	17.2	*	0.0	30.9	*	0.0	40.1	*
Transient Cerebral Ischemia	0									
Stroke	9	44.4	24.1	*	44.4	29.9	*	44.4	34.8	*
Hip Fracture	3	33.3	7.7	*	33.3	14.0	*	33.3	18.4	*
Sepsis	0									
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	2	0.0	6.5	*	0.0	11.8	*	0.0	15.1	*
Prostatectomy	8	0.0	0.6	*	0.0	1.4	*	0.0	2.2	*
Cholecystectomy	9	0.0	1.7	*	0.0	3.3	*	0.0	4.6	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	145	11.7	8.3	4.1	16.6	12.0	4.4	18.6	15.3	4.3
CONDITIONS:										
Acute Myocardial Infarction	5	60.0	32.3	*	60.0	35.4	*	60.0	39.0	*
Congestive Heart Failure	9	11.1	13.3	*	11.1	20.6	*	11.1	27.1	*
Pneumonia/Influenza	11	27.3	17.3	*	27.3	23.9	*	27.3	29.5	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	0.0	1.0	*	0.0	1.9	*	0.0	3.0	*
Stroke	4	25.0	14.3	*	50.0	19.2	*	50.0	23.2	*
Hip Fracture	1	0.0	4.2	*	0.0	7.4	*	0.0	9.9	*
Sepsis	1	0.0	26.7	*	0.0	34.0	*	0.0	40.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	9	0.0	0.6	*	11.1	1.2	*	11.1	1.9	*
Cholecystectomy	5	0.0	1.6	*	0.0	2.9	*	0.0	3.8	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

UNIVERSITY OF UTAH HOSPITAL

50 N Medical Dr
Salt Lake City, UT 84123

Medicare Provider Number: 460009

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,569	7.0	6.3	1.0	11.2	10.2	1.1	13.9	13.2	1.0
CONDITIONS:										
Acute Myocardial Infarction	19	21.1	21.2	*	31.6	24.4	*	31.6	27.7	*
Congestive Heart Failure	24	16.7	14.0	*	29.2	22.8	*	33.3	29.9	*
Pneumonia/Influenza	21	19.0	11.8	*	23.8	17.1	*	23.8	21.0	*
Chronic Obstructive Pulmonary Disease	10	0.0	4.7	*	0.0	9.1	*	20.0	12.9	*
Transient Cerebral Ischemia	16	0.0	1.2	*	0.0	2.6	*	0.0	4.1	*
Stroke	26	11.5	21.2	*	19.2	27.4	*	23.1	31.6	*
Hip Fracture	13	0.0	4.1	*	7.7	7.6	*	7.7	10.1	*
Sepsis	7	57.1	28.3	*	57.1	36.4	*	57.1	43.3	*
PROCEDURES:										
Angioplasty	5	0.0	1.9	*	0.0	2.3	*	0.0	2.9	*
Coronary Artery Bypass Graft	17	0.0	5.0	*	0.0	7.6	*	0.0	9.1	*
Initial Pacemaker Insertion	4	0.0	2.0	*	0.0	4.3	*	0.0	6.7	*
Carotid Endarterectomy	3	0.0	1.0	*	0.0	2.1	*	0.0	3.2	*
Hip Replacement/Reconstruction	73	0.0	0.7	*	0.0	1.4	*	0.0	1.9	*
Open Reduction of Hip Fracture	6	0.0	3.4	*	16.7	6.3	*	16.7	8.3	*
Prostatectomy	29	6.9	0.8	*	10.3	2.1	*	13.8	3.6	*
Cholecystectomy	12	0.0	5.3	*	0.0	9.0	*	8.3	11.4	*
Hysterectomy	23	0.0	1.0	*	0.0	2.1	*	0.0	3.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	372
Occupancy Rate	80
Ownership/Control	State Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	351
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	139
Registered Nurses	528
Licensed Practical Nurses	69

SPECIALTY SERVICES:

Burn Unit	Yes
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Rehabilitation Unit	Yes
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

UNIVERSITY OF UTAH HOSPITAL

Medicare Provider Number: 460009

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,628	6.7	6.2	0.8	10.6	9.9	1.0	13.9	12.9	1.2
CONDITIONS:										
Acute Myocardial Infarction	15	20.0	26.6	*	40.0	30.1	*	40.0	33.8	*
Congestive Heart Failure	27	7.4	13.7	*	7.4	21.5	*	11.1	28.3	*
Pneumonia/Influenza	20	15.0	11.4	*	25.0	15.8	*	25.0	19.4	*
Chronic Obstructive Pulmonary Disease	14	0.0	6.9	*	7.1	11.7	*	7.1	16.3	*
Transient Cerebral Ischemia	19	5.3	1.7	*	5.3	3.5	*	10.5	5.3	*
Stroke	30	16.7	16.7	*	20.0	23.2	*	20.0	27.5	*
Hip Fracture	18	22.2	10.1	*	27.8	17.4	*	27.8	21.3	*
Sepsis	5	60.0	31.6	*	60.0	40.2	*	80.0	46.5	*
PROCEDURES:										
Angioplasty	6	0.0	2.4	*	0.0	3.2	*	0.0	4.3	*
Coronary Artery Bypass Graft	10	0.0	6.0	*	0.0	7.6	*	0.0	8.6	*
Initial Pacemaker Insertion	7	0.0	1.7	*	0.0	3.4	*	0.0	5.1	*
Carotid Endarterectomy	5	0.0	1.6	*	0.0	3.3	*	0.0	4.8	*
Hip Replacement/Reconstruction	82	1.2	1.0	1.2	2.4	1.8	1.7	2.4	2.6	2.1
Open Reduction of Hip Fracture	9	33.3	9.5	*	33.3	16.9	*	33.3	21.3	*
Prostatectomy	29	0.0	0.7	*	0.0	1.9	*	6.9	3.3	*
Cholecystectomy	17	5.9	3.1	*	5.9	6.0	*	11.8	8.5	*
Hysterectomy	16	12.5	1.1	*	12.5	2.6	*	18.8	4.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,383	6.4	6.2	0.9	10.6	10.1	1.5	12.9	13.2	1.1
CONDITIONS:										
Acute Myocardial Infarction	15	20.0	22.6	*	26.7	25.5	*	26.7	28.7	*
Congestive Heart Failure	28	7.1	14.7	*	14.3	22.5	*	21.4	29.2	*
Pneumonia/Influenza	21	9.5	12.5	*	19.0	17.9	*	23.8	22.3	*
Chronic Obstructive Pulmonary Disease	8	37.5	7.1	*	37.5	11.5	*	37.5	15.1	*
Transient Cerebral Ischemia	8	12.5	1.3	*	12.5	2.4	*	12.5	3.7	*
Stroke	19	15.8	23.2	*	21.1	28.9	*	21.1	32.7	*
Hip Fracture	16	6.3	8.7	*	31.3	16.1	*	31.3	21.0	*
Sepsis	6	33.3	22.5	*	33.3	31.6	*	33.3	38.1	*
PROCEDURES:										
Angioplasty	3	0.0	1.4	*	0.0	2.0	*	0.0	2.6	*
Coronary Artery Bypass Graft	7	14.3	5.7	*	14.3	7.6	*	14.3	8.8	*
Initial Pacemaker Insertion	8	0.0	1.6	*	0.0	3.8	*	0.0	6.1	*
Carotid Endarterectomy	6	0.0	1.3	*	16.7	2.3	*	16.7	3.2	*
Hip Replacement/Reconstruction	57	1.8	2.0	2.6	3.5	4.0	2.7	5.3	5.4	3.0
Open Reduction of Hip Fracture	12	0.0	5.3	*	33.3	10.3	*	33.3	13.9	*
Prostatectomy	28	0.0	0.7	*	3.6	1.9	*	3.6	3.3	*
Cholecystectomy	7	0.0	1.7	*	0.0	4.0	*	0.0	6.3	*
Hysterectomy	17	0.0	1.0	*	5.9	2.1	*	5.9	3.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

UTAH VALLEY REGIONAL MEDICAL CENTER

1034 North 500 West
Provo, UT 84604

Medicare Provider Number: 460001

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,417	10.1	7.4	0.9	13.7	11.3	0.9	16.5	14.5	0.9
CONDITIONS:										
Acute Myocardial Infarction	81	23.5	21.5	4.9	24.7	24.7	4.8	27.2	28.0	5.4
Congestive Heart Failure	93	23.7	14.1	6.5	31.2	22.2	6.8	37.6	29.0	6.8
Pneumonia/Influenza	103	20.4	16.0	5.6	29.1	21.7	7.5	34.0	26.4	8.6
Chronic Obstructive Pulmonary Disease	48	10.4	6.8	*	25.0	12.2	*	31.3	16.9	*
Transient Cerebral Ischemia	8	0.0	1.7	*	12.5	3.8	*	12.5	6.1	*
Stroke	69	27.5	20.3	9.7	34.8	26.3	10.8	37.7	30.6	9.9
Hip Fracture	83	7.2	6.3	2.8	13.3	11.5	3.8	19.3	15.1	7.1
Sepsis	35	25.7	25.9	*	34.3	33.6	*	42.9	40.7	*
PROCEDURES:										
Angioplasty	97	6.2	3.2	3.1	6.2	4.2	2.7	6.2	5.4	2.4
Coronary Artery Bypass Graft	74	6.8	5.8	3.7	9.5	8.3	3.6	10.8	9.8	3.7
Initial Pacemaker Insertion	46	0.0	1.6	*	0.0	3.4	*	0.0	5.4	*
Carotid Endarterectomy	17	0.0	1.7	*	0.0	3.5	*	17.6	5.3	*
Hip Replacement/Reconstruction	74	1.4	1.8	2.5	2.7	3.5	3.7	2.7	4.9	3.8
Open Reduction of Hip Fracture	44	6.8	5.6	*	13.6	10.4	*	20.5	13.6	*
Prostatectomy	126	3.2	0.9	1.6	3.2	2.2	2.0	5.6	3.7	2.4
Cholecystectomy	72	5.6	2.0	3.4	8.3	3.4	4.0	8.3	4.4	3.9
Hysterectomy	24	0.0	0.6	*	0.0	1.4	*	0.0	2.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	347
Occupancy Rate	66
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	216
Percent of Physicians Board Certified Specialists	80
Medical Residents/Interns	0
Registered Nurses	291
Licensed Practical Nurses	118

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

UTAH VALLEY REGIONAL MEDICAL CENTER

Medicare Provider Number: 460001

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,350	8.9	7.5	0.7	13.4	11.3	0.9	16.5	14.4	1.0
CONDITIONS:										
Acute Myocardial Infarction	100	19.0	22.6	4.9	24.0	26.0	5.5	26.0	29.6	5.4
Congestive Heart Failure	79	20.3	13.7	4.7	34.2	21.4	7.1	39.2	27.7	7.5
Pneumonia/Influenza	108	20.4	17.4	5.5	27.8	23.4	7.2	34.3	28.0	9.7
Chronic Obstructive Pulmonary Disease	22	18.2	6.1	*	18.2	11.7	*	31.8	16.7	*
Transient Cerebral Ischemia	27	0.0	2.1	*	0.0	4.7	*	7.4	7.5	*
Stroke	67	22.4	20.0	7.9	26.9	26.2	6.8	29.9	30.6	6.4
Hip Fracture	67	10.4	5.2	4.0	19.4	9.6	6.5	22.4	12.7	7.6
Sepsis	30	26.7	32.2	*	36.7	40.8	*	36.7	47.9	*
PROCEDURES:										
Angioplasty	107	1.9	3.3	2.3	2.8	4.4	2.7	2.8	5.7	3.3
Coronary Artery Bypass Graft	83	3.6	6.2	3.4	3.6	8.9	4.5	4.8	10.6	5.0
Initial Pacemaker Insertion	32	0.0	3.1	*	0.0	5.2	*	3.1	7.2	*
Carotid Endarterectomy	24	4.2	1.9	*	4.2	3.8	*	4.2	5.7	*
Hip Replacement/Reconstruction	64	6.3	1.8	2.4	15.6	3.5	5.0	17.2	4.9	4.6
Open Reduction of Hip Fracture	44	9.1	4.5	*	15.9	8.8	*	18.2	11.8	*
Prostatectomy	106	2.8	1.1	1.6	2.8	2.4	2.6	5.7	3.9	3.2
Cholecystectomy	74	1.4	2.3	2.1	4.1	4.3	3.1	4.1	5.8	3.0
Hysterectomy	20	0.0	0.5	*	0.0	1.0	*	0.0	1.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,351	10.1	7.5	0.9	14.1	11.5	0.9	17.0	14.8	0.9
CONDITIONS:										
Acute Myocardial Infarction	91	30.8	24.6	8.7	35.2	27.7	8.0	36.3	31.2	6.9
Congestive Heart Failure	87	24.1	14.0	6.5	39.1	21.6	6.9	42.5	28.0	6.6
Pneumonia/Influenza	70	20.0	15.4	7.5	24.3	21.0	10.2	28.6	25.7	9.3
Chronic Obstructive Pulmonary Disease	29	3.4	5.6	*	17.2	10.8	*	27.6	15.5	*
Transient Cerebral Ischemia	12	0.0	1.7	*	0.0	3.6	*	0.0	5.7	*
Stroke	92	26.1	20.1	5.4	35.9	27.0	6.6	40.2	31.7	7.5
Hip Fracture	45	11.1	7.2	*	22.2	13.2	*	31.1	17.2	*
Sepsis	36	27.8	26.5	*	38.9	35.9	*	41.7	42.7	*
PROCEDURES:										
Angioplasty	69	7.2	3.9	3.6	7.2	4.9	3.8	7.2	6.1	4.3
Coronary Artery Bypass Graft	69	7.2	7.4	3.1	7.2	10.5	4.0	7.2	12.3	5.0
Initial Pacemaker Insertion	41	0.0	2.3	*	0.0	4.9	*	7.3	7.5	*
Carotid Endarterectomy	16	0.0	1.7	*	6.3	3.2	*	12.5	4.8	*
Hip Replacement/Reconstruction	40	0.0	2.6	*	5.0	4.9	*	5.0	6.5	*
Open Reduction of Hip Fracture	26	11.5	6.2	*	23.1	11.8	*	38.5	15.6	*
Prostatectomy	116	3.4	1.0	2.1	4.3	2.5	1.8	6.0	4.2	2.9
Cholecystectomy	85	5.9	2.3	2.6	8.2	3.9	3.5	9.4	5.2	4.3
Hysterectomy	29	0.0	0.7	*	0.0	1.3	*	0.0	1.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

VALLEY VIEW MEDICAL CENTER

595 South 75 East
Cedar City, UT 84720

Medicare Provider Number: 460007

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	231	7.4	6.4	1.9	10.8	9.2	2.4	11.3	11.4	2.2
CONDITIONS:										
Acute Myocardial Infarction	5	40.0	31.2	*	40.0	33.7	*	40.0	36.6	*
Congestive Heart Failure	7	14.3	10.7	*	14.3	16.7	*	14.3	22.0	*
Pneumonia/Influenza	11	9.1	10.7	*	18.2	14.8	*	18.2	18.2	*
Chronic Obstructive Pulmonary Disease	2	0.0	6.4	*	0.0	11.0	*	0.0	15.1	*
Transient Cerebral Ischemia	3	0.0	1.4	*	33.3	2.9	*	33.3	4.5	*
Stroke	5	40.0	19.4	*	40.0	26.7	*	40.0	31.2	*
Hip Fracture	15	6.7	3.1	*	6.7	5.9	*	6.7	7.9	*
Sepsis	1	0.0	29.1	*	0.0	38.2	*	0.0	42.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	14.3	1.4	*	14.3	2.7	*	14.3	3.7	*
Open Reduction of Hip Fracture	7	0.0	3.5	*	0.0	6.6	*	0.0	9.0	*
Prostatectomy	3	0.0	0.4	*	0.0	1.0	*	0.0	1.7	*
Cholecystectomy	5	0.0	2.2	*	0.0	3.4	*	0.0	4.3	*
Hysterectomy	10	0.0	0.4	*	0.0	1.0	*	0.0	1.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	48
Occupancy Rate	27
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	18
Percent of Physicians Board Certified Specialists	94
Medical Residents/Interns	0
Registered Nurses	31
Licensed Practical Nurses	5

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

VALLEY VIEW MEDICAL CENTER

Medicare Provider Number: 460007

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	210	7.6	7.2	2.6	11.4	10.8	3.4	14.3	13.7	2.8
CONDITIONS:										
Acute Myocardial Infarction	10	0.0	23.6	*	0.0	26.9	*	0.0	30.3	*
Congestive Heart Failure	5	20.0	17.3	*	40.0	27.5	*	60.0	35.6	*
Pneumonia/Influenza	11	9.1	12.0	*	18.2	16.7	*	18.2	20.6	*
Chronic Obstructive Pulmonary Disease	1	0.0	6.4	*	0.0	10.2	*	0.0	13.6	*
Transient Cerebral Ischemia	4	0.0	1.0	*	0.0	2.1	*	0.0	3.2	*
Stroke	8	37.5	24.2	*	50.0	31.2	*	50.0	36.2	*
Hip Fracture	9	11.1	4.5	*	22.2	8.1	*	22.2	10.4	*
Sepsis	2	0.0	18.5	*	0.0	22.7	*	0.0	27.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	50.0	19.5	*	50.0	24.9	*	50.0	29.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	0.0	1.6	*	0.0	3.1	*	0.0	4.3	*
Open Reduction of Hip Fracture	6	16.7	4.4	*	33.3	8.3	*	33.3	10.8	*
Prostatectomy	0									
Cholecystectomy	5	20.0	1.6	*	20.0	3.3	*	20.0	4.4	*
Hysterectomy	2	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	230	11.3	8.1	2.2	13.5	11.7	2.4	15.2	14.8	2.4
CONDITIONS:										
Acute Myocardial Infarction	13	30.8	33.7	*	30.8	36.7	*	30.8	40.2	*
Congestive Heart Failure	8	12.5	12.7	*	12.5	19.6	*	25.0	25.6	*
Pneumonia/Influenza	16	12.5	16.3	*	18.8	21.7	*	18.8	26.3	*
Chronic Obstructive Pulmonary Disease	3	0.0	13.9	*	0.0	22.5	*	0.0	28.5	*
Transient Cerebral Ischemia	3	0.0	1.1	*	0.0	2.2	*	0.0	3.4	*
Stroke	4	50.0	16.8	*	50.0	21.7	*	50.0	25.8	*
Hip Fracture	9	11.1	5.7	*	22.2	9.8	*	22.2	12.6	*
Sepsis	3	66.7	31.6	*	66.7	41.5	*	66.7	48.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	12.5	2.5	*	12.5	4.7	*	12.5	6.3	*
Open Reduction of Hip Fracture	2	0.0	6.5	*	0.0	11.1	*	0.0	14.0	*
Prostatectomy	0									
Cholecystectomy	4	0.0	1.3	*	0.0	1.8	*	0.0	2.4	*
Hysterectomy	10	0.0	0.1	*	0.0	0.2	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

WASATCH COUNTY HOSPITAL

55 South 500 East
Heber City, UT 84032

Medicare Provider Number: 460036

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	141	11.3	8.8	3.1	17.0	12.7	4.2	19.1	15.8	4.4
CONDITIONS:										
Acute Myocardial Infarction	11	36.4	24.5	*	45.5	27.0	*	45.5	30.0	*
Congestive Heart Failure	3	0.0	8.2	*	0.0	13.8	*	0.0	18.8	*
Pneumonia/Influenza	14	0.0	14.9	*	14.3	21.2	*	28.6	26.1	*
Chronic Obstructive Pulmonary Disease	1	0.0	2.0	*	0.0	3.8	*	0.0	5.5	*
Transient Cerebral Ischemia	2	0.0	1.8	*	0.0	4.6	*	0.0	7.7	*
Stroke	4	25.0	16.7	*	25.0	22.7	*	25.0	26.8	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	0.7	*	0.0	1.6	*	0.0	2.6	*
Cholecystectomy	8	0.0	2.2	*	12.5	4.7	*	12.5	7.3	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	40
Occupancy Rate	48
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	5
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	26
Licensed Practical Nurses	6

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

WASATCH COUNTY HOSPITAL

Medicare Provider Number: 460036

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	166	13.3	8.8	2.8	21.7	12.5	3.4	27.7	15.7	4.2
CONDITIONS:										
Acute Myocardial Infarction	10	30.0	19.1	*	30.0	21.9	*	40.0	25.0	*
Congestive Heart Failure	9	22.2	13.7	*	55.6	22.0	*	77.8	29.0	*
Pneumonia/Influenza	19	15.8	12.0	*	31.6	17.2	*	31.6	21.2	*
Chronic Obstructive Pulmonary Disease	2	0.0	3.5	*	0.0	6.8	*	50.0	9.8	*
Transient Cerebral Ischemia	5	0.0	3.4	*	0.0	8.4	*	20.0	13.8	*
Stroke	9	66.7	22.0	*	77.8	29.0	*	77.8	34.2	*
Hip Fracture	0									
Sepsis	5	20.0	26.1	*	40.0	31.8	*	60.0	38.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	0.3	*	0.0	0.7	*	0.0	1.1	*
Cholecystectomy	7	0.0	1.4	*	0.0	2.9	*	0.0	4.2	*
Hysterectomy	3	0.0	0.4	*	0.0	0.8	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	156	12.8	6.8	3.4	16.0	10.7	4.0	19.9	14.0	4.2
CONDITIONS:										
Acute Myocardial Infarction	3	66.7	29.9	*	66.7	32.3	*	66.7	35.2	*
Congestive Heart Failure	7	28.6	11.1	*	28.6	17.5	*	57.1	23.2	*
Pneumonia/Influenza	14	14.3	14.4	*	14.3	20.2	*	14.3	25.1	*
Chronic Obstructive Pulmonary Disease	5	20.0	7.4	*	20.0	12.3	*	20.0	16.3	*
Transient Cerebral Ischemia	3	0.0	2.3	*	0.0	5.4	*	33.3	8.9	*
Stroke	3	33.3	14.5	*	66.7	19.2	*	66.7	23.3	*
Hip Fracture	1	0.0	5.7	*	0.0	10.8	*	0.0	14.1	*
Sepsis	1	100.0	38.5	*	100.0	43.4	*	100.0	48.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	1.0	*	0.0	2.6	*	0.0	4.3	*
Cholecystectomy	4	0.0	0.8	*	0.0	1.5	*	0.0	2.1	*
Hysterectomy	3	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

Wyoming

CAMPBELL COUNTY MEMORIAL HOSPITAL

501 S Burma Ave
Gillette, WY 82716

Medicare Provider Number: 530002

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	278	12.9	9.3	2.7	16.2	13.8	3.1	20.5	17.3	3.7
CONDITIONS:										
Acute Myocardial Infarction	6	33.3	36.1	*	33.3	38.9	*	33.3	42.2	*
Congestive Heart Failure	13	7.7	12.7	*	15.4	19.6	*	38.5	25.6	*
Pneumonia/Influenza	17	11.8	16.0	*	23.5	21.8	*	23.5	26.6	*
Chronic Obstructive Pulmonary Disease	7	28.6	9.9	*	28.6	16.9	*	28.6	23.4	*
Transient Cerebral Ischemia	4	0.0	1.6	*	0.0	3.6	*	0.0	5.7	*
Stroke	7	28.6	26.9	*	42.9	33.7	*	42.9	38.4	*
Hip Fracture	10	0.0	7.2	*	0.0	13.6	*	20.0	18.1	*
Sepsis	4	50.0	25.4	*	50.0	35.3	*	50.0	42.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	9	0.0	1.7	*	0.0	3.5	*	11.1	4.9	*
Open Reduction of Hip Fracture	7	0.0	7.1	*	0.0	14.0	*	14.3	18.9	*
Prostatectomy	0									
Cholecystectomy	4	0.0	2.1	*	0.0	3.6	*	0.0	5.3	*
Hysterectomy	5	0.0	0.5	*	0.0	1.3	*	0.0	2.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	104
Occupancy Rate	38
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	38
Percent of Physicians Board Certified Specialists	58
Medical Residents/Interns	0
Registered Nurses	86
Licensed Practical Nurses	33

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

CAMPBELL COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 530002

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	234	6.4	8.2	2.6	9.8	12.5	3.6	11.1	16.2	4.0
CONDITIONS:										
Acute Myocardial Infarction	8	37.5	32.6	*	37.5	37.3	*	37.5	41.4	*
Congestive Heart Failure	8	0.0	12.9	*	0.0	19.5	*	0.0	25.1	*
Pneumonia/Influenza	16	6.3	16.4	*	6.3	22.3	*	6.3	27.0	*
Chronic Obstructive Pulmonary Disease	2	0.0	2.6	*	0.0	5.0	*	0.0	7.0	*
Transient Cerebral Ischemia	4	0.0	1.6	*	0.0	3.8	*	0.0	6.1	*
Stroke	4	0.0	14.3	*	0.0	21.5	*	0.0	26.1	*
Hip Fracture	10	0.0	6.4	*	0.0	11.8	*	0.0	15.3	*
Sepsis	4	25.0	27.0	*	50.0	35.0	*	50.0	41.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	4.0	*	0.0	7.8	*	0.0	10.8	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	12	0.0	2.6	*	0.0	5.0	*	0.0	6.5	*
Open Reduction of Hip Fracture	5	0.0	4.9	*	0.0	9.6	*	0.0	12.8	*
Prostatectomy	0									
Cholecystectomy	7	0.0	3.2	*	0.0	5.8	*	0.0	7.3	*
Hysterectomy	1	0.0	1.6	*	0.0	3.4	*	0.0	4.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	227	5.7	9.8	2.5	11.0	14.7	2.7	15.4	18.5	3.0
CONDITIONS:										
Acute Myocardial Infarction	9	22.2	26.1	*	22.2	29.6	*	22.2	33.0	*
Congestive Heart Failure	8	0.0	30.7	*	37.5	45.6	*	37.5	55.0	*
Pneumonia/Influenza	7	14.3	15.1	*	14.3	22.4	*	14.3	27.5	*
Chronic Obstructive Pulmonary Disease	3	0.0	14.7	*	33.3	24.3	*	66.7	31.1	*
Transient Cerebral Ischemia	5	0.0	2.6	*	0.0	5.8	*	0.0	9.3	*
Stroke	7	14.3	24.8	*	28.6	32.1	*	42.9	36.8	*
Hip Fracture	8	12.5	7.3	*	12.5	12.6	*	12.5	16.2	*
Sepsis	4	0.0	27.2	*	25.0	33.1	*	25.0	38.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	1.6	*	0.0	3.5	*	0.0	5.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	11	9.1	1.9	*	9.1	3.7	*	9.1	5.1	*
Open Reduction of Hip Fracture	5	0.0	7.1	*	0.0	12.4	*	0.0	15.7	*
Prostatectomy	0									
Cholecystectomy	7	0.0	1.3	*	0.0	2.5	*	0.0	3.3	*
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

COMMUNITY HOSPITAL

2000 Campbell Dr
Torrington, WY 82240

Medicare Provider Number: 530018

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	294	5.4	8.7	2.1	8.8	12.7	2.7	11.6	16.0	2.7
CONDITIONS:										
Acute Myocardial Infarction	14	7.1	27.6	*	14.3	30.9	*	21.4	34.6	*
Congestive Heart Failure	16	12.5	16.4	*	18.8	24.8	*	18.8	31.4	*
Pneumonia/Influenza	27	11.1	13.3	*	14.8	18.3	*	22.2	22.6	*
Chronic Obstructive Pulmonary Disease	10	0.0	8.1	*	20.0	12.8	*	30.0	17.0	*
Transient Cerebral Ischemia	5	0.0	2.3	*	0.0	5.4	*	20.0	8.8	*
Stroke	4	50.0	17.9	*	50.0	23.0	*	50.0	27.3	*
Hip Fracture	0									
Sepsis	4	0.0	31.2	*	0.0	38.3	*	0.0	45.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	0.5	*	0.0	1.1	*	0.0	2.1	*
Cholecystectomy	4	0.0	3.0	*	0.0	6.1	*	0.0	9.1	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	43
Occupancy Rate	47
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	9
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	19
Licensed Practical Nurses	11

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

COMMUNITY HOSPITAL

Medicare Provider Number: 530018

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	319	6.6	7.9	2.6	10.0	12.4	3.1	14.4	16.1	3.0
CONDITIONS:										
Acute Myocardial Infarction	10	20.0	30.6	*	20.0	33.3	*	20.0	36.5	*
Congestive Heart Failure	15	20.0	16.5	*	20.0	25.5	*	33.3	32.8	*
Pneumonia/Influenza	23	8.7	13.7	*	13.0	18.8	*	17.4	23.0	*
Chronic Obstructive Pulmonary Disease	14	7.1	7.1	*	7.1	12.3	*	14.3	16.6	*
Transient Cerebral Ischemia	5	0.0	1.9	*	0.0	4.3	*	0.0	6.7	*
Stroke	6	0.0	15.2	*	0.0	20.0	*	0.0	23.9	*
Hip Fracture	0									
Sepsis	5	20.0	17.0	*	20.0	20.9	*	40.0	25.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	4	0.0	0.8	*	0.0	2.0	*	0.0	3.5	*
Cholecystectomy	4	0.0	4.2	*	0.0	7.2	*	0.0	8.6	*
Hysterectomy	2	0.0	1.3	*	0.0	1.9	*	0.0	2.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	314	8.3	9.0	1.7	12.4	14.0	2.2	16.9	18.2	2.3
CONDITIONS:										
Acute Myocardial Infarction	10	10.0	31.5	*	10.0	36.2	*	10.0	40.9	*
Congestive Heart Failure	13	23.1	18.4	*	23.1	27.6	*	38.5	35.2	*
Pneumonia/Influenza	35	11.4	14.9	*	17.1	20.4	*	22.9	25.0	*
Chronic Obstructive Pulmonary Disease	15	6.7	8.3	*	20.0	14.8	*	26.7	19.7	*
Transient Cerebral Ischemia	1	0.0	1.9	*	0.0	4.1	*	0.0	6.7	*
Stroke	9	22.2	17.4	*	33.3	22.6	*	44.4	26.9	*
Hip Fracture	0									
Sepsis	2	50.0	24.8	*	50.0	33.8	*	50.0	40.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	1.3	*	0.0	3.1	*	0.0	5.2	*
Cholecystectomy	2	0.0	1.3	*	0.0	2.4	*	0.0	3.1	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

CONVERSE COUNTY MEMORIAL HOSPITAL

1115 S 5th St
Douglas, WY 82633

Medicare Provider Number: 530005

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	145	9.0	7.4	2.9	13.1	11.5	2.9	15.2	14.7	3.0
CONDITIONS:										
Acute Myocardial Infarction	4	0.0	21.0	*	0.0	23.2	*	0.0	26.1	*
Congestive Heart Failure	10	10.0	9.5	*	10.0	15.2	*	20.0	20.3	*
Pneumonia/Influenza	10	10.0	11.7	*	10.0	16.9	*	10.0	20.5	*
Chronic Obstructive Pulmonary Disease	1	0.0	4.6	*	0.0	8.4	*	0.0	11.8	*
Transient Cerebral Ischemia	0									
Stroke	5	40.0	17.3	*	60.0	24.5	*	60.0	28.9	*
Hip Fracture	1	0.0	5.2	*	0.0	8.9	*	0.0	11.2	*
Sepsis	1	0.0	8.1	*	0.0	11.4	*	0.0	13.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	1.2	*	0.0	2.0	*	0.0	2.5	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	44
Occupancy Rate	14
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

CONVERSE COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 530005

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	143	10.5	8.4	4.6	17.5	13.0	4.3	22.4	16.7	4.6
CONDITIONS:										
Acute Myocardial Infarction	8	37.5	26.7	*	37.5	29.3	*	50.0	32.4	*
Congestive Heart Failure	8	12.5	10.9	*	12.5	18.0	*	12.5	24.3	*
Pneumonia/Influenza	16	6.3	9.9	*	12.5	15.4	*	18.8	19.6	*
Chronic Obstructive Pulmonary Disease	2	0.0	3.9	*	0.0	8.8	*	0.0	13.3	*
Transient Cerebral Ischemia	1	0.0	2.8	*	0.0	8.1	*	100.0	15.2	*
Stroke	4	0.0	17.8	*	25.0	23.3	*	25.0	27.7	*
Hip Fracture	1	0.0	2.2	*	0.0	4.4	*	100.0	6.3	*
Sepsis	2	0.0	18.2	*	0.0	25.5	*	0.0	31.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	170	10.6	8.4	2.6	14.1	12.7	2.8	17.6	16.2	3.2
CONDITIONS:										
Acute Myocardial Infarction	6	33.3	36.5	*	33.3	41.3	*	33.3	45.5	*
Congestive Heart Failure	7	14.3	9.6	*	28.6	15.0	*	28.6	20.0	*
Pneumonia/Influenza	18	16.7	16.8	*	22.2	23.5	*	38.9	28.5	*
Chronic Obstructive Pulmonary Disease	4	0.0	2.9	*	0.0	5.2	*	0.0	7.5	*
Transient Cerebral Ischemia	6	0.0	1.5	*	0.0	3.4	*	16.7	5.5	*
Stroke	3	66.7	19.7	*	66.7	28.8	*	66.7	34.8	*
Hip Fracture	1	0.0	3.0	*	0.0	6.1	*	0.0	8.6	*
Sepsis	1	0.0	18.0	*	0.0	32.0	*	0.0	40.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	3	0.0	0.6	*	0.0	1.1	*	0.0	1.5	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

CROOK COUNTY MEMORIAL HOSPITAL

713 Oak St
Sundance, WY 82729

Medicare Provider Number: 530031

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	29	3.4	12.6	*	3.4	18.7	*	10.3	23.2	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	3	33.3	17.1	*	33.3	27.5	*	66.7	35.5	*
Pneumonia/Influenza	3	0.0	16.8	*	0.0	22.2	*	0.0	26.7	*
Chronic Obstructive Pulmonary Disease	3	0.0	21.9	*	0.0	34.5	*	0.0	41.6	*
Transient Cerebral Ischemia	1	0.0	1.9	*	0.0	3.9	*	0.0	6.1	*
Stroke	1	0.0	31.4	*	0.0	44.3	*	0.0	52.6	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	48
Occupancy Rate	65
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

CROOK COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 530031

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	29	6.9	10.7	*	6.9	16.0	*	6.9	19.5	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	4	0.0	18.3	*	0.0	29.1	*	0.0	37.7	*
Pneumonia/Influenza	3	0.0	7.9	*	0.0	10.3	*	0.0	12.6	*
Chronic Obstructive Pulmonary Disease	3	0.0	6.1	*	0.0	9.9	*	0.0	13.3	*
Transient Cerebral Ischemia	0									
Stroke	1	0.0	27.3	*	0.0	36.7	*	0.0	43.1	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	51	2.0	6.1	4.9	9.8	9.9	4.5	11.8	13.0	4.9
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	6	0.0	13.5	*	0.0	18.1	*	0.0	22.5	*
Chronic Obstructive Pulmonary Disease	3	0.0	12.2	*	33.3	17.8	*	33.3	22.5	*
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	0.9	*	0.0	1.7	*	0.0	2.4	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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CROOK COUNTY MEMORIAL HOSPITAL / NURSING HOME

Post Office Box 517
Sundance, Wyoming 82729
307/283-3501

Medicare Provider # 530031

Observed mortality rate on tables includes mortality of long term care facility. AHA's survey list our facility as 48 beds however only 16 of those beds are acute care beds and the acute care section has an occupancy rate of under 15%. Majority of cases in our facility are long term swingbed or nursing home.

DEPAUL HOSPITAL

2600 E 18th St
Cheyenne, WY 82001

Medicare Provider Number: 530001

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	892	8.1	7.6	1.4	13.6	11.5	1.6	17.0	14.8	2.0
CONDITIONS:										
Acute Myocardial Infarction	29	41.4	26.2	*	41.4	29.3	*	41.4	32.6	*
Congestive Heart Failure	39	15.4	14.2	*	25.6	22.2	*	33.3	28.9	*
Pneumonia/Influenza	39	15.4	14.0	*	20.5	19.3	*	30.8	23.6	*
Chronic Obstructive Pulmonary Disease	27	3.7	8.3	*	18.5	14.2	*	25.9	19.3	*
Transient Cerebral Ischemia	18	0.0	1.5	*	0.0	3.2	*	0.0	5.0	*
Stroke	24	12.5	16.9	*	20.8	21.8	*	25.0	25.8	*
Hip Fracture	17	5.9	7.2	*	29.4	12.7	*	35.3	16.2	*
Sepsis	11	36.4	20.2	*	36.4	27.9	*	36.4	33.8	*
PROCEDURES:										
Angioplasty	9	0.0	1.9	*	0.0	3.2	*	0.0	4.4	*
Coronary Artery Bypass Graft	21	9.5	4.7	*	14.3	6.8	*	14.3	8.1	*
Initial Pacemaker Insertion	9	0.0	3.8	*	11.1	7.4	*	11.1	10.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	9	0.0	2.1	*	0.0	3.8	*	0.0	5.2	*
Open Reduction of Hip Fracture	10	10.0	6.9	*	30.0	12.9	*	40.0	16.9	*
Prostatectomy	27	3.7	0.9	*	3.7	2.1	*	11.1	3.7	*
Cholecystectomy	14	7.1	1.6	*	7.1	2.9	*	7.1	4.0	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	121
Occupancy Rate	51
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	97
Percent of Physicians Board Certified Specialists	70
Medical Residents/Interns	0
Registered Nurses	93
Licensed Practical Nurses	19

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

DEPAUL HOSPITAL

Medicare Provider Number: 530001

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	883	7.2	7.2	1.2	11.2	11.1	1.2	13.7	14.2	1.2
CONDITIONS:										
Acute Myocardial Infarction	23	39.1	30.3	*	43.5	33.8	*	43.5	37.6	*
Congestive Heart Failure	42	4.8	13.5	*	14.3	20.7	*	16.7	27.0	*
Pneumonia/Influenza	32	9.4	17.1	*	15.6	22.7	*	18.8	27.2	*
Chronic Obstructive Pulmonary Disease	34	11.8	7.6	*	14.7	13.4	*	20.6	18.6	*
Transient Cerebral Ischemia	21	4.8	1.7	*	4.8	3.6	*	9.5	5.7	*
Stroke	17	35.3	20.7	*	41.2	26.4	*	41.2	30.9	*
Hip Fracture	20	0.0	5.9	*	10.0	10.6	*	10.0	13.5	*
Sepsis	6	50.0	25.9	*	50.0	35.8	*	50.0	41.7	*
PROCEDURES:										
Angioplasty	1	0.0	1.7	*	0.0	2.6	*	0.0	3.8	*
Coronary Artery Bypass Graft	1	0.0	2.5	*	0.0	3.4	*	0.0	4.2	*
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	12	0.0	4.0	*	8.3	7.4	*	8.3	9.6	*
Open Reduction of Hip Fracture	9	0.0	4.1	*	0.0	7.7	*	0.0	10.2	*
Prostatectomy	19	0.0	1.0	*	0.0	2.5	*	0.0	4.1	*
Cholecystectomy	11	9.1	1.4	*	9.1	2.4	*	9.1	3.1	*
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	949	7.0	6.8	1.0	10.3	10.6	1.0	12.9	13.7	1.3
CONDITIONS:										
Acute Myocardial Infarction	19	42.1	30.3	*	42.1	33.7	*	42.1	37.3	*
Congestive Heart Failure	43	16.3	14.0	*	25.6	21.7	*	32.6	28.1	*
Pneumonia/Influenza	28	21.4	15.3	*	32.1	21.0	*	32.1	25.2	*
Chronic Obstructive Pulmonary Disease	33	3.0	7.9	*	9.1	13.6	*	15.2	18.2	*
Transient Cerebral Ischemia	11	0.0	1.8	*	0.0	4.0	*	9.1	6.5	*
Stroke	19	26.3	21.2	*	36.8	27.8	*	36.8	32.8	*
Hip Fracture	32	12.5	8.3	*	25.0	14.9	*	25.0	19.3	*
Sepsis	5	40.0	33.5	*	40.0	41.1	*	40.0	47.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	10.0	3.5	*	10.0	6.3	*	10.0	8.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	14.3	7.7	*	14.3	14.4	*	14.3	18.8	*
Open Reduction of Hip Fracture	14	14.3	7.4	*	35.7	13.6	*	35.7	17.7	*
Prostatectomy	29	0.0	1.0	*	0.0	2.3	*	3.4	3.8	*
Cholecystectomy	15	0.0	4.5	*	6.7	8.7	*	13.3	11.7	*
Hysterectomy	6	0.0	0.7	*	0.0	1.0	*	0.0	1.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOT SPRINGS COUNTY MEMORIAL HOSPITAL

Hot Springs State Park
Thermopolis, WY 82443

Medicare Provider Number: 530004

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	285	6.0	7.9	1.9	8.4	12.5	2.7	11.2	16.4	3.3
CONDITIONS:										
Acute Myocardial Infarction	9	44.4	29.3	*	44.4	33.8	*	55.6	38.0	*
Congestive Heart Failure	7	14.3	12.7	*	14.3	20.4	*	14.3	27.3	*
Pneumonia/Influenza	38	10.5	14.8	*	13.2	20.4	*	15.8	25.2	*
Chronic Obstructive Pulmonary Disease	8	0.0	13.3	*	0.0	22.5	*	0.0	29.2	*
Transient Cerebral Ischemia	6	0.0	1.4	*	0.0	3.1	*	0.0	5.1	*
Stroke	3	0.0	25.1	*	0.0	33.2	*	33.3	39.0	*
Hip Fracture	5	0.0	5.8	*	0.0	10.2	*	0.0	13.3	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	9	0.0	2.9	*	0.0	5.2	*	0.0	6.9	*
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	1.1	*	0.0	1.8	*	0.0	2.3	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	49
Occupancy Rate	31
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	24
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	19
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HOT SPRINGS COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 530004

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	289	4.5	8.2	2.1	7.6	12.3	2.4	11.8	15.7	2.5
CONDITIONS:										
Acute Myocardial Infarction	7	42.9	37.2	*	71.4	42.3	*	71.4	47.1	*
Congestive Heart Failure	11	0.0	14.0	*	0.0	22.2	*	9.1	29.1	*
Pneumonia/Influenza	37	5.4	13.4	*	8.1	18.6	*	13.5	22.8	*
Chronic Obstructive Pulmonary Disease	8	0.0	10.3	*	12.5	17.8	*	12.5	24.7	*
Transient Cerebral Ischemia	6	0.0	2.3	*	0.0	5.5	*	0.0	9.1	*
Stroke	4	75.0	33.2	*	75.0	45.6	*	75.0	52.9	*
Hip Fracture	5	0.0	4.2	*	0.0	7.9	*	0.0	10.4	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	2.4	*	0.0	4.7	*	0.0	6.3	*
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	5	0.0	1.0	*	0.0	1.8	*	0.0	2.4	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	301	9.0	8.6	1.6	11.6	13.3	2.1	14.0	17.1	2.5
CONDITIONS:										
Acute Myocardial Infarction	8	50.0	32.5	*	50.0	35.9	*	50.0	39.8	*
Congestive Heart Failure	13	15.4	16.4	*	30.8	26.1	*	38.5	33.6	*
Pneumonia/Influenza	33	12.1	15.6	*	15.2	21.7	*	18.2	26.7	*
Chronic Obstructive Pulmonary Disease	4	25.0	14.9	*	25.0	26.6	*	25.0	34.7	*
Transient Cerebral Ischemia	9	11.1	2.3	*	11.1	5.2	*	11.1	8.3	*
Stroke	4	75.0	25.5	*	75.0	33.3	*	75.0	38.7	*
Hip Fracture	6	0.0	4.9	*	0.0	9.1	*	0.0	11.9	*
Sepsis	1	0.0	15.8	*	0.0	22.1	*	0.0	27.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	0.0	2.6	*	0.0	5.2	*	0.0	7.0	*
Open Reduction of Hip Fracture	2	0.0	4.6	*	0.0	8.5	*	0.0	11.1	*
Prostatectomy	0									
Cholecystectomy	7	0.0	1.4	*	0.0	2.5	*	0.0	3.4	*
Hysterectomy	2	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

IHC EVANSTON REGIONAL HOSPITAL

190 Arrowhead Dr
Evanston, WY 82930

Medicare Provider Number: 530032

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	171	11.1	7.7	3.7	17.0	12.0	4.2	17.5	15.4	3.6
CONDITIONS:										
Acute Myocardial Infarction	4	25.0	11.0	*	50.0	14.7	*	50.0	18.0	*
Congestive Heart Failure	8	0.0	12.9	*	0.0	20.2	*	0.0	26.3	*
Pneumonia/Influenza	14	14.3	10.3	*	14.3	14.7	*	14.3	18.3	*
Chronic Obstructive Pulmonary Disease	10	20.0	7.3	*	20.0	13.1	*	20.0	18.6	*
Transient Cerebral Ischemia	3	0.0	1.3	*	0.0	2.8	*	0.0	4.4	*
Stroke	5	20.0	22.2	*	20.0	29.5	*	20.0	34.5	*
Hip Fracture	2	0.0	2.4	*	0.0	4.6	*	0.0	6.2	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*
Open Reduction of Hip Fracture	2	0.0	2.1	*	0.0	4.2	*	0.0	5.7	*
Prostatectomy	0									
Cholecystectomy	2	50.0	4.4	*	50.0	7.8	*	50.0	9.4	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	42
Occupancy Rate	29
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	17
Percent of Physicians Board Certified Specialists	41
Medical Residents/Interns	0
Registered Nurses	15
Licensed Practical Nurses	9

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

IHC EVANSTON REGIONAL HOSPITAL

Medicare Provider Number: 530032

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	145	10.3	7.6	2.9	15.2	11.7	3.3	17.9	15.3	3.6
CONDITIONS:										
Acute Myocardial Infarction	2	50.0	17.2	*	50.0	20.0	*	50.0	22.9	*
Congestive Heart Failure	3	0.0	8.7	*	0.0	13.9	*	0.0	18.7	*
Pneumonia/Influenza	12	16.7	15.0	*	25.0	21.5	*	25.0	26.4	*
Chronic Obstructive Pulmonary Disease	6	33.3	8.9	*	50.0	15.1	*	50.0	20.8	*
Transient Cerebral Ischemia	3	0.0	1.9	*	0.0	4.1	*	0.0	6.4	*
Stroke	5	0.0	19.6	*	20.0	25.4	*	20.0	30.2	*
Hip Fracture	1	0.0	4.8	*	0.0	7.9	*	0.0	10.4	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	2.6	*	0.0	5.3	*	0.0	8.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	0.4	*	0.0	0.8	*	0.0	1.1	*
Hysterectomy	1	0.0	0.3	*	0.0	0.5	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	139	7.9	8.9	2.8	10.8	12.9	3.9	12.2	16.5	5.1
CONDITIONS:										
Acute Myocardial Infarction	3	33.3	26.7	*	33.3	29.1	*	33.3	32.3	*
Congestive Heart Failure	7	14.3	14.1	*	28.6	21.4	*	28.6	27.7	*
Pneumonia/Influenza	11	9.1	11.5	*	18.2	16.0	*	18.2	19.9	*
Chronic Obstructive Pulmonary Disease	9	22.2	8.9	*	22.2	14.9	*	33.3	19.8	*
Transient Cerebral Ischemia	1	0.0	2.7	*	0.0	6.8	*	0.0	11.4	*
Stroke	2	0.0	30.3	*	0.0	39.2	*	0.0	45.7	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	5	0.0	1.2	*	0.0	2.0	*	0.0	2.6	*
Hysterectomy	1	100.0	20.1	*	100.0	44.8	*	100.0	65.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

IVINSON MEMORIAL HOSPITAL

255 N 30th
Laramie, WY 82070

Medicare Provider Number: 530025

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	577	5.7	6.9	1.9	9.4	10.8	2.4	13.5	14.0	2.5
CONDITIONS:										
Acute Myocardial Infarction	18	22.2	23.5	*	22.2	26.5	*	33.3	29.7	*
Congestive Heart Failure	12	0.0	13.6	*	25.0	21.8	*	41.7	28.6	*
Pneumonia/Influenza	40	17.5	15.9	*	17.5	21.4	*	27.5	25.9	*
Chronic Obstructive Pulmonary Disease	1	0.0	2.3	*	0.0	4.3	*	0.0	6.2	*
Transient Cerebral Ischemia	5	0.0	2.8	*	0.0	6.3	*	0.0	9.7	*
Stroke	10	20.0	18.2	*	30.0	24.4	*	30.0	28.9	*
Hip Fracture	20	10.0	7.8	*	10.0	15.2	*	15.0	20.5	*
Sepsis	4	25.0	22.2	*	50.0	33.7	*	50.0	40.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	13	0.0	2.0	*	0.0	4.0	*	0.0	5.7	*
Open Reduction of Hip Fracture	10	20.0	7.2	*	20.0	14.5	*	20.0	19.7	*
Prostatectomy	49	0.0	0.9	*	0.0	2.3	*	4.1	3.9	*
Cholecystectomy	12	8.3	3.3	*	16.7	6.7	*	25.0	9.3	*
Hysterectomy	4	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	110
Occupancy Rate	37
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	34
Percent of Physicians Board Certified Specialists	88
Medical Residents/Interns	0
Registered Nurses	99
Licensed Practical Nurses	21

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

IVINSON MEMORIAL HOSPITAL

Medicare Provider Number: 530025

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	623	8.3	7.4	1.5	12.2	11.6	1.4	15.2	15.0	1.5
CONDITIONS:										
Acute Myocardial Infarction	24	41.7	33.1	*	41.7	36.5	*	50.0	40.1	*
Congestive Heart Failure	24	12.5	12.9	*	16.7	19.7	*	20.8	25.7	*
Pneumonia/Influenza	20	15.0	19.5	*	15.0	26.7	*	20.0	31.9	*
Chronic Obstructive Pulmonary Disease	6	0.0	6.0	*	0.0	10.4	*	0.0	14.3	*
Transient Cerebral Ischemia	3	0.0	1.4	*	0.0	2.9	*	0.0	4.3	*
Stroke	12	25.0	21.4	*	33.3	29.4	*	33.3	34.9	*
Hip Fracture	13	15.4	7.6	*	23.1	14.1	*	23.1	18.1	*
Sepsis	4	50.0	22.8	*	50.0	37.8	*	50.0	46.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	10	20.0	4.6	*	20.0	9.0	*	20.0	11.8	*
Open Reduction of Hip Fracture	5	0.0	6.4	*	20.0	12.2	*	20.0	16.0	*
Prostatectomy	60	1.7	0.8	1.6	1.7	2.1	2.0	3.3	3.7	2.6
Cholecystectomy	19	10.5	2.5	*	10.5	4.5	*	10.5	5.7	*
Hysterectomy	6	0.0	0.2	*	0.0	0.4	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	600	6.3	6.6	1.1	10.0	10.1	1.4	13.3	13.2	1.5
CONDITIONS:										
Acute Myocardial Infarction	22	31.8	24.1	*	31.8	27.0	*	31.8	30.3	*
Congestive Heart Failure	18	5.6	14.2	*	11.1	21.7	*	27.8	28.3	*
Pneumonia/Influenza	24	20.8	19.1	*	25.0	25.9	*	29.2	31.4	*
Chronic Obstructive Pulmonary Disease	8	12.5	8.2	*	12.5	12.8	*	12.5	16.3	*
Transient Cerebral Ischemia	8	0.0	2.3	*	0.0	5.0	*	12.5	7.9	*
Stroke	13	46.2	27.7	*	53.8	33.4	*	61.5	38.0	*
Hip Fracture	16	0.0	6.3	*	6.3	11.9	*	6.3	15.8	*
Sepsis	2	50.0	20.5	*	50.0	29.6	*	50.0	34.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	15	0.0	2.6	*	0.0	4.7	*	0.0	6.1	*
Open Reduction of Hip Fracture	8	0.0	5.8	*	12.5	11.7	*	12.5	16.1	*
Prostatectomy	57	1.8	0.7	1.6	1.8	1.9	1.8	3.5	3.4	2.4
Cholecystectomy	11	9.1	2.9	*	9.1	5.6	*	9.1	7.6	*
Hysterectomy	7	0.0	3.3	*	0.0	7.5	*	0.0	11.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

JOHNSON COUNTY MEMORIAL HOSPITAL

497 W Lott St
Buffalo, WY 82834

Medicare Provider Number: 530026

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	167	17.4	7.9	2.8	24.0	12.3	3.0	28.1	15.8	3.4
CONDITIONS:										
Acute Myocardial Infarction	7	14.3	23.8	*	14.3	26.4	*	28.6	29.5	*
Congestive Heart Failure	10	10.0	12.6	*	20.0	21.0	*	20.0	27.6	*
Pneumonia/Influenza	15	33.3	12.6	*	53.3	18.9	*	53.3	23.4	*
Chronic Obstructive Pulmonary Disease	1	0.0	6.3	*	100.0	10.3	*	100.0	13.8	*
Transient Cerebral Ischemia	2	0.0	1.1	*	0.0	2.2	*	0.0	3.4	*
Stroke	10	30.0	17.7	*	50.0	24.9	*	60.0	29.6	*
Hip Fracture	1	0.0	1.5	*	100.0	3.0	*	100.0	4.2	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	1.3	*	100.0	2.7	*	100.0	3.9	*
Prostatectomy	0									
Cholecystectomy	2	0.0	0.5	*	0.0	0.8	*	0.0	1.1	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	83
Occupancy Rate	63
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	9
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	15
Licensed Practical Nurses	1

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

JOHNSON COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 530026

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	187	7.5	7.5	2.5	10.2	11.9	3.0	15.0	15.4	2.7
CONDITIONS:										
Acute Myocardial Infarction	7	14.3	16.5	*	28.6	18.7	*	42.9	21.0	*
Congestive Heart Failure	5	0.0	15.8	*	40.0	26.3	*	40.0	34.6	*
Pneumonia/Influenza	16	18.8	11.3	*	18.8	16.3	*	25.0	20.3	*
Chronic Obstructive Pulmonary Disease	2	0.0	4.9	*	0.0	9.4	*	0.0	13.3	*
Transient Cerebral Ischemia	3	0.0	1.2	*	0.0	2.3	*	0.0	3.5	*
Stroke	7	28.6	13.3	*	28.6	18.6	*	28.6	22.6	*
Hip Fracture	0									
Sepsis	1	100.0	59.3	*	100.0	64.8	*	100.0	71.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	1.1	*	0.0	2.3	*	0.0	3.3	*
Hysterectomy	1	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	165	7.3	7.0	2.3	11.5	11.4	2.6	14.5	15.0	2.8
CONDITIONS:										
Acute Myocardial Infarction	6	50.0	19.6	*	50.0	23.0	*	50.0	26.2	*
Congestive Heart Failure	9	11.1	15.4	*	11.1	23.7	*	11.1	30.8	*
Pneumonia/Influenza	9	22.2	9.0	*	22.2	12.7	*	22.2	15.8	*
Chronic Obstructive Pulmonary Disease	3	0.0	3.9	*	0.0	7.3	*	0.0	10.3	*
Transient Cerebral Ischemia	3	0.0	1.5	*	0.0	3.0	*	0.0	4.7	*
Stroke	7	28.6	17.4	*	57.1	23.7	*	57.1	28.2	*
Hip Fracture	5	0.0	6.2	*	0.0	11.8	*	0.0	15.7	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	8.4	*	0.0	14.6	*	0.0	17.9	*
Open Reduction of Hip Fracture	2	0.0	5.0	*	0.0	10.5	*	0.0	14.6	*
Prostatectomy	0									
Cholecystectomy	7	14.3	3.3	*	14.3	6.9	*	14.3	10.1	*
Hysterectomy	3	0.0	0.3	*	0.0	0.6	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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Johnson County Memorial Hospital

Amie Holt Care Center
Family Medical Center
497 West Lott Buffalo, Wyoming. 82834
(307) 684-5521

Medicare Provider #: 53-0026

December 11, 1990

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

We would like to submit the following comments concerning the mortality information for Johnson County Memorial Hospital.

> The mortality information for Johnson County Memorial Hospital is not valid because deaths for our care center have been included with the hospital's data. Our facility consists of a 54 bed care center and a 29 bed hospital. It appears that all the deaths in our care center that occurred during the reporting period have been included with hospital data.

Sincerely,

Sandy Ward
Administrator

LANDER VALLEY REGIONAL MEDICAL CENTER

1320 Bishop Randall Dr
Lander, WY 82520

Medicare Provider Number: 530010

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	360	7.8	8.1	1.5	11.7	12.5	1.9	14.7	16.0	2.3
CONDITIONS:										
Acute Myocardial Infarction	6	50.0	32.2	*	50.0	35.2	*	50.0	38.4	*
Congestive Heart Failure	14	7.1	15.9	*	7.1	24.8	*	7.1	32.1	*
Pneumonia/Influenza	33	12.1	14.6	*	18.2	20.5	*	27.3	25.0	*
Chronic Obstructive Pulmonary Disease	10	0.0	7.4	*	10.0	13.0	*	20.0	18.5	*
Transient Cerebral Ischemia	5	0.0	1.5	*	0.0	3.4	*	0.0	5.7	*
Stroke	7	0.0	14.3	*	14.3	20.2	*	14.3	24.0	*
Hip Fracture	7	28.6	10.5	*	28.6	17.9	*	28.6	22.5	*
Sepsis	5	0.0	30.4	*	0.0	39.4	*	20.0	45.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	33.3	4.5	*	66.7	10.9	*	66.7	17.8	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	0.0	3.5	*	0.0	7.2	*	0.0	10.0	*
Open Reduction of Hip Fracture	4	50.0	11.4	*	50.0	19.6	*	50.0	24.5	*
Prostatectomy	3	0.0	0.7	*	0.0	1.5	*	0.0	2.5	*
Cholecystectomy	2	0.0	0.9	*	0.0	1.5	*	0.0	2.0	*
Hysterectomy	3	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	107
Occupancy Rate	25
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

LANDER VALLEY REGIONAL MEDICAL CENTER

Medicare Provider Number: 530010

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	363	11.3	9.8	1.8	15.2	14.8	1.9	17.9	18.6	2.1
CONDITIONS:										
Acute Myocardial Infarction	9	11.1	36.0	*	22.2	40.0	*	22.2	44.1	*
Congestive Heart Failure	16	12.5	15.4	*	18.8	24.4	*	18.8	31.8	*
Pneumonia/Influenza	20	30.0	21.2	*	45.0	28.4	*	45.0	33.4	*
Chronic Obstructive Pulmonary Disease	9	22.2	8.7	*	22.2	14.5	*	22.2	19.1	*
Transient Cerebral Ischemia	8	0.0	1.6	*	0.0	3.6	*	0.0	5.9	*
Stroke	11	27.3	23.9	*	45.5	30.5	*	45.5	34.8	*
Hip Fracture	9	0.0	7.0	*	0.0	12.4	*	0.0	15.8	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.5	*	0.0	3.2	*	0.0	4.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	12	0.0	1.8	*	0.0	3.4	*	0.0	4.4	*
Open Reduction of Hip Fracture	5	0.0	7.6	*	0.0	14.2	*	0.0	18.4	*
Prostatectomy	1	0.0	1.2	*	0.0	3.1	*	0.0	5.3	*
Cholecystectomy	3	0.0	1.7	*	0.0	2.6	*	0.0	3.3	*
Hysterectomy	2	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	344	7.8	8.9	1.8	10.8	13.5	2.5	14.2	17.2	2.6
CONDITIONS:										
Acute Myocardial Infarction	7	71.4	35.1	*	71.4	37.7	*	71.4	41.0	*
Congestive Heart Failure	14	7.1	17.6	*	14.3	27.0	*	14.3	35.0	*
Pneumonia/Influenza	16	12.5	21.2	*	12.5	28.7	*	25.0	34.1	*
Chronic Obstructive Pulmonary Disease	8	12.5	9.6	*	12.5	14.8	*	12.5	19.0	*
Transient Cerebral Ischemia	5	0.0	1.4	*	0.0	3.0	*	0.0	4.6	*
Stroke	15	0.0	16.9	*	0.0	22.7	*	0.0	26.6	*
Hip Fracture	11	18.2	9.7	*	18.2	19.4	*	18.2	26.2	*
Sepsis	4	25.0	25.4	*	25.0	34.7	*	25.0	40.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	3.5	*	0.0	6.8	*	0.0	9.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	3.5	*	16.7	7.2	*	16.7	9.9	*
Open Reduction of Hip Fracture	8	25.0	9.0	*	25.0	18.9	*	25.0	26.3	*
Prostatectomy	7	0.0	0.7	*	0.0	1.4	*	0.0	2.2	*
Cholecystectomy	5	0.0	1.0	*	0.0	1.7	*	0.0	2.3	*
Hysterectomy	4	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MEMORIAL HOSPITAL OF CARBON COUNTY

2221 Elm St
Rawlins, WY 82301

Medicare Provider Number: 530009

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	366	12.6	8.9	2.1	15.6	13.4	2.0	18.6	17.1	2.1
CONDITIONS:										
Acute Myocardial Infarction	6	16.7	20.3	*	16.7	22.3	*	16.7	24.8	*
Congestive Heart Failure	19	21.1	12.1	*	31.6	19.4	*	31.6	25.8	*
Pneumonia/Influenza	32	31.3	14.6	*	31.3	19.8	*	37.5	24.1	*
Chronic Obstructive Pulmonary Disease	8	0.0	10.8	*	0.0	18.4	*	12.5	25.0	*
Transient Cerebral Ischemia	1	0.0	1.3	*	0.0	2.6	*	0.0	4.1	*
Stroke	12	25.0	17.8	*	25.0	23.6	*	25.0	28.1	*
Hip Fracture	6	16.7	5.4	*	16.7	9.2	*	16.7	11.8	*
Sepsis	3	33.3	21.9	*	33.3	26.5	*	33.3	31.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	7.5	*	0.0	12.0	*	0.0	14.7	*
Open Reduction of Hip Fracture	3	33.3	3.5	*	33.3	6.3	*	33.3	8.3	*
Prostatectomy	0									
Cholecystectomy	8	0.0	1.3	*	0.0	2.2	*	0.0	2.8	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	78
Occupancy Rate	28
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	13
Percent of Physicians Board Certified Specialists	54
Medical Residents/Interns	0
Registered Nurses	51
Licensed Practical Nurses	17

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MEMORIAL HOSPITAL OF CARBON COUNTY

Medicare Provider Number: 530009

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	377	8.8	9.4	1.7	13.5	13.7	2.1	18.0	17.3	2.4
CONDITIONS:										
Acute Myocardial Infarction	9	33.3	28.3	*	44.4	32.0	*	44.4	35.9	*
Congestive Heart Failure	5	0.0	8.7	*	0.0	13.5	*	20.0	18.1	*
Pneumonia/Influenza	27	7.4	18.2	*	18.5	24.6	*	22.2	29.5	*
Chronic Obstructive Pulmonary Disease	13	7.7	9.0	*	7.7	16.0	*	7.7	22.0	*
Transient Cerebral Ischemia	2	0.0	2.1	*	50.0	4.8	*	50.0	7.5	*
Stroke	13	23.1	19.4	*	30.8	25.1	*	53.8	29.7	*
Hip Fracture	7	0.0	3.8	*	0.0	7.1	*	0.0	9.4	*
Sepsis	3	66.7	37.8	*	66.7	44.9	*	66.7	52.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	9	0.0	3.1	*	0.0	6.4	*	0.0	9.3	*
Open Reduction of Hip Fracture	1	0.0	3.5	*	0.0	6.6	*	0.0	8.7	*
Prostatectomy	1	0.0	0.3	*	0.0	0.6	*	0.0	0.9	*
Cholecystectomy	4	0.0	4.7	*	0.0	8.1	*	25.0	10.0	*
Hysterectomy	1	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	365	6.0	7.2	1.9	8.8	11.3	2.7	11.8	14.9	3.1
CONDITIONS:										
Acute Myocardial Infarction	6	50.0	25.2	*	66.7	28.3	*	66.7	31.9	*
Congestive Heart Failure	13	0.0	12.9	*	0.0	19.9	*	7.7	26.0	*
Pneumonia/Influenza	36	8.3	13.1	*	11.1	17.9	*	16.7	22.1	*
Chronic Obstructive Pulmonary Disease	8	0.0	6.4	*	0.0	10.6	*	12.5	14.1	*
Transient Cerebral Ischemia	7	0.0	1.7	*	0.0	3.8	*	0.0	6.1	*
Stroke	8	12.5	20.8	*	25.0	27.0	*	25.0	31.9	*
Hip Fracture	2	0.0	4.3	*	0.0	7.9	*	0.0	10.7	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.6	*	0.0	4.5	*	0.0	8.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	2.8	*	0.0	5.3	*	0.0	7.3	*
Open Reduction of Hip Fracture	1	0.0	4.0	*	0.0	7.7	*	0.0	10.4	*
Prostatectomy	7	0.0	1.3	*	0.0	3.2	*	0.0	5.2	*
Cholecystectomy	6	0.0	3.4	*	0.0	7.7	*	16.7	12.0	*
Hysterectomy	1	0.0	0.4	*	0.0	0.8	*	0.0	1.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MEMORIAL HOSPITAL OF LARAMIE COUNTY

300 East 23rd St
Cheyenne, WY 82001

Medicare Provider Number: 530014

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	912	9.4	8.0	1.5	15.0	12.6	2.1	18.4	16.2	2.1
CONDITIONS:										
Acute Myocardial Infarction	16	43.8	32.1	*	43.8	35.2	*	43.8	38.7	*
Congestive Heart Failure	34	14.7	16.1	*	29.4	24.3	*	38.2	31.0	*
Pneumonia/Influenza	22	9.1	12.7	*	9.1	17.7	*	13.6	21.9	*
Chronic Obstructive Pulmonary Disease	27	0.0	8.8	*	14.8	14.6	*	14.8	19.8	*
Transient Cerebral Ischemia	16	12.5	1.8	*	18.8	4.2	*	18.8	7.0	*
Stroke	17	29.4	20.1	*	41.2	25.2	*	41.2	29.3	*
Hip Fracture	18	11.1	7.0	*	11.1	12.6	*	11.1	16.4	*
Sepsis	11	36.4	21.7	*	45.5	30.4	*	45.5	36.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	22	0.0	3.0	*	0.0	5.5	*	0.0	7.3	*
Open Reduction of Hip Fracture	7	14.3	3.7	*	14.3	7.4	*	14.3	10.3	*
Prostatectomy	11	0.0	1.8	*	9.1	4.4	*	9.1	7.4	*
Cholecystectomy	9	11.1	2.4	*	11.1	3.8	*	11.1	4.7	*
Hysterectomy	12	8.3	1.4	*	8.3	2.8	*	8.3	4.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	130
Occupancy Rate	58
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	92
Percent of Physicians Board Certified Specialists	85
Medical Residents/Interns	0
Registered Nurses	120
Licensed Practical Nurses	34

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MEMORIAL HOSPITAL OF LARAMIE COUNTY

Medicare Provider Number: 530014

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	876	6.8	8.1	1.2	11.8	12.7	1.9	15.2	16.4	1.5
CONDITIONS:										
Acute Myocardial Infarction	15	33.3	29.0	*	33.3	32.2	*	40.0	36.0	*
Congestive Heart Failure	30	13.3	13.2	*	20.0	20.5	*	26.7	26.8	*
Pneumonia/Influenza	25	0.0	10.5	*	8.0	14.6	*	16.0	18.0	*
Chronic Obstructive Pulmonary Disease	27	7.4	8.2	*	14.8	14.1	*	18.5	19.4	*
Transient Cerebral Ischemia	11	9.1	1.8	*	18.2	4.1	*	18.2	6.6	*
Stroke	24	8.3	21.7	*	20.8	28.2	*	33.3	33.1	*
Hip Fracture	21	14.3	6.0	*	23.8	11.0	*	23.8	14.3	*
Sepsis	7	14.3	31.0	*	14.3	40.5	*	14.3	48.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	15.4	*	0.0	18.5	*	0.0	21.8	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	24	8.3	3.0	*	8.3	5.7	*	12.5	7.8	*
Open Reduction of Hip Fracture	6	16.7	5.2	*	50.0	9.9	*	50.0	12.9	*
Prostatectomy	17	0.0	1.1	*	5.9	2.7	*	5.9	4.2	*
Cholecystectomy	11	0.0	3.5	*	9.1	6.2	*	9.1	7.8	*
Hysterectomy	14	0.0	1.5	*	0.0	2.7	*	0.0	3.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	885	7.7	7.6	1.0	11.5	12.1	1.3	14.0	15.6	1.7
CONDITIONS:										
Acute Myocardial Infarction	17	11.8	30.1	*	23.5	33.8	*	23.5	36.8	*
Congestive Heart Failure	29	17.2	14.0	*	20.7	21.0	*	20.7	27.2	*
Pneumonia/Influenza	17	11.8	17.7	*	23.5	23.9	*	23.5	28.8	*
Chronic Obstructive Pulmonary Disease	25	4.0	8.7	*	8.0	15.1	*	8.0	20.2	*
Transient Cerebral Ischemia	12	0.0	1.4	*	0.0	2.8	*	0.0	4.2	*
Stroke	27	14.8	21.3	*	18.5	26.7	*	22.2	30.9	*
Hip Fracture	20	10.0	6.0	*	30.0	10.9	*	35.0	14.3	*
Sepsis	2	0.0	16.1	*	0.0	20.8	*	0.0	25.7	*
PROCEDURES:										
Angioplasty	1	0.0	0.6	*	0.0	1.4	*	0.0	2.5	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	16.1	*	0.0	25.8	*	0.0	30.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	27	7.4	1.7	*	7.4	3.3	*	11.1	4.4	*
Open Reduction of Hip Fracture	12	8.3	5.2	*	25.0	9.8	*	25.0	13.1	*
Prostatectomy	19	0.0	1.5	*	0.0	3.7	*	0.0	6.3	*
Cholecystectomy	14	0.0	2.3	*	0.0	4.1	*	0.0	5.5	*
Hysterectomy	10	0.0	0.9	*	0.0	1.9	*	0.0	2.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

621.1

Memorial Hospital of Laramie County
People Caring For People
300 East 23rd Street Cheyenne, WY 82001-3790 307/634-CARE (307/634-2273)

January 9, 1991 Medicare Provider Number: 530014

Health Standards and Quality Bureau
Health Care Financing Administration
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Attention Mrs. Sandra Kappert

RE: Medicare Analysis of Hospital Mortality Rates: 1990

Dear Mrs. Kappert:

Memorial Hospital of Laramie County has reviewed the 1990 Medicare mortality analysis prepared by HCFA and requests that the following comments be included with any public release of this hospital's data.

Memorial Hospital of Laramie County has an active quality management program that is constantly reviewing issues of patient care. Every death occurring at the hospital is reviewed one or more times as a part of our total quality management process; however, the hospital does not feel that mortality data is a valid measure of hospital quality.

HCFA is now using very complicated statistical manipulations to analyze the data and calculate the death rates. The new mortality analysis is both hard to produce and even harder to understand, and because the rates are based on samples of data rather than on all events, introduces the probability of statistical uncertainty for all rates.

Memorial Hospital has compared all of their mortality rates for which the sample size was large enough to be statistically meaningful to the rates predicted by HCFA. In every instance, the rates are well within the confidence interval at the 95 percent confidence level, indicating that the differences between observed and predicted rates are likely to be the result of random variation and therefore are not likely to be meaningful.

In all cases where HCFA compares Memorial Hospital's observed mortality rate for a specific condition or procedure to the HCFA predicted rate, the sample size is too small to calculate a reliable measure of significance. In these instances, the data must be considered uninterpretable.

Calculation of death rates 30, 90 and 180 days after discharge may or may not be related in any way to care received at the hospital. The hospital does **not** have access to death information for patients who died after leaving the hospital and would point out that the cause of death may be totally unrelated to the reason for admission or care received at the hospital.

Memorial Hospital of Laramie County supports the development of meaningful quality data that can be used by the public. However, this latest analysis of mortality data by HCFA, despite the complexity of the analysis, is not a valid indicator of quality and may be misleading to the general public.

For additional information contact: Jon M. Gates, Administrator.

JMG/ce

MEMORIAL HOSPITAL OF PLATTE COUNTY

201 14th St
Wheatland, WY 82201

Medicare Provider Number: 530019

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	230	5.2	6.9	2.3	8.3	10.6	3.2	10.9	13.8	3.4
CONDITIONS:										
Acute Myocardial Infarction	12	8.3	24.5	*	8.3	28.4	*	8.3	31.9	*
Congestive Heart Failure	14	0.0	13.9	*	21.4	23.5	*	21.4	31.2	*
Pneumonia/Influenza	12	8.3	13.9	*	8.3	20.4	*	16.7	25.2	*
Chronic Obstructive Pulmonary Disease	14	7.1	5.3	*	7.1	9.6	*	14.3	13.4	*
Transient Cerebral Ischemia	4	25.0	2.5	*	25.0	6.2	*	25.0	10.5	*
Stroke	5	0.0	21.3	*	0.0	26.8	*	0.0	31.2	*
Hip Fracture	3	0.0	10.7	*	0.0	18.7	*	0.0	23.3	*
Sepsis	1	0.0	27.4	*	0.0	32.4	*	0.0	38.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	3	0.0	9.3	*	0.0	17.1	*	0.0	21.8	*
Prostatectomy	0									
Cholecystectomy	6	0.0	2.6	*	0.0	4.2	*	0.0	5.0	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	86
Occupancy Rate	78
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	5
Percent of Physicians Board Certified Specialists	80
Medical Residents/Interns	0
Registered Nurses	16
Licensed Practical Nurses	8

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MEMORIAL HOSPITAL OF PLATTE COUNTY

Medicare Provider Number: 530019

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	300	7.0	6.7	1.5	10.7	10.7	2.2	12.3	14.2	2.7
CONDITIONS:										
Acute Myocardial Infarction	5	20.0	24.4	*	40.0	28.0	*	40.0	31.6	*
Congestive Heart Failure	14	14.3	15.2	*	21.4	24.6	*	21.4	31.9	*
Pneumonia/Influenza	16	12.5	13.0	*	12.5	18.5	*	18.8	23.1	*
Chronic Obstructive Pulmonary Disease	12	0.0	5.9	*	16.7	10.4	*	16.7	14.7	*
Transient Cerebral Ischemia	7	0.0	2.1	*	0.0	4.8	*	0.0	7.8	*
Stroke	6	50.0	18.8	*	50.0	24.1	*	50.0	28.5	*
Hip Fracture	2	0.0	5.5	*	0.0	10.4	*	0.0	13.9	*
Sepsis	3	0.0	36.6	*	66.7	41.8	*	66.7	48.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	5.2	*	0.0	10.4	*	0.0	13.9	*
Prostatectomy	1	0.0	0.6	*	0.0	1.1	*	0.0	1.7	*
Cholecystectomy	6	0.0	5.9	*	0.0	7.7	*	0.0	9.1	*
Hysterectomy	3	0.0	0.6	*	0.0	1.6	*	0.0	2.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	281	5.3	5.4	1.6	8.5	8.7	2.3	10.7	11.6	2.1
CONDITIONS:										
Acute Myocardial Infarction	10	20.0	22.3	*	20.0	25.4	*	20.0	28.6	*
Congestive Heart Failure	6	0.0	9.3	*	0.0	14.8	*	0.0	19.8	*
Pneumonia/Influenza	19	5.3	13.1	*	5.3	18.1	*	5.3	22.3	*
Chronic Obstructive Pulmonary Disease	6	0.0	3.8	*	16.7	7.9	*	16.7	11.7	*
Transient Cerebral Ischemia	6	0.0	2.1	*	0.0	4.6	*	0.0	7.4	*
Stroke	7	14.3	17.6	*	28.6	23.6	*	28.6	28.2	*
Hip Fracture	3	0.0	6.7	*	0.0	12.6	*	0.0	16.8	*
Sepsis	2	0.0	27.8	*	0.0	37.7	*	0.0	45.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	10.9	*	0.0	22.2	*	0.0	30.4	*
Prostatectomy	1	0.0	0.4	*	0.0	0.9	*	0.0	1.5	*
Cholecystectomy	3	0.0	2.4	*	0.0	5.5	*	0.0	8.2	*
Hysterectomy	1	0.0	0.3	*	0.0	0.5	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MEMORIAL HOSPITAL OF SHERIDAN COUNTY

1401 W 5th St
Sheridan, WY 82801

Medicare Provider Number: 530006

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	660	8.9	7.1	1.5	12.9	11.1	1.6	14.7	14.5	1.5
CONDITIONS:										
Acute Myocardial Infarction	12	33.3	26.7	*	33.3	29.6	*	33.3	32.7	*
Congestive Heart Failure	27	18.5	14.3	*	33.3	22.7	*	40.7	29.9	*
Pneumonia/Influenza	26	15.4	15.6	*	19.2	21.3	*	23.1	26.0	*
Chronic Obstructive Pulmonary Disease	9	0.0	4.9	*	0.0	9.5	*	0.0	13.5	*
Transient Cerebral Ischemia	8	0.0	1.7	*	12.5	4.0	*	12.5	6.6	*
Stroke	19	36.8	20.4	*	42.1	27.5	*	47.4	32.2	*
Hip Fracture	19	5.3	5.5	*	15.8	10.6	*	26.3	14.4	*
Sepsis	9	44.4	32.7	*	44.4	41.7	*	44.4	49.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	3.2	*	0.0	6.4	*	0.0	9.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	15	0.0	3.6	*	6.7	7.1	*	26.7	9.6	*
Open Reduction of Hip Fracture	10	0.0	3.8	*	0.0	7.8	*	0.0	11.0	*
Prostatectomy	17	0.0	0.6	*	0.0	1.4	*	5.9	2.4	*
Cholecystectomy	18	0.0	2.0	*	0.0	3.8	*	0.0	5.1	*
Hysterectomy	5	0.0	0.5	*	0.0	1.1	*	20.0	1.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	88
Occupancy Rate	40
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	32
Percent of Physicians Board Certified Specialists	84
Medical Residents/Interns	0
Registered Nurses	61
Licensed Practical Nurses	5

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MEMORIAL HOSPITAL OF SHERIDAN COUNTY

Medicare Provider Number: 530006

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	662	10.1	8.2	1.5	15.0	12.8	1.7	18.7	16.7	1.9
CONDITIONS:										
Acute Myocardial Infarction	22	22.7	30.3	*	22.7	33.5	*	22.7	37.0	*
Congestive Heart Failure	22	27.3	18.8	*	31.8	28.7	*	40.9	36.6	*
Pneumonia/Influenza	37	16.2	16.1	*	24.3	22.0	*	32.4	26.7	*
Chronic Obstructive Pulmonary Disease	15	6.7	6.1	*	20.0	11.1	*	20.0	15.5	*
Transient Cerebral Ischemia	9	11.1	3.4	*	11.1	8.2	*	22.2	13.0	*
Stroke	24	41.7	23.6	*	45.8	31.1	*	54.2	36.1	*
Hip Fracture	13	7.7	6.5	*	23.1	12.1	*	23.1	15.9	*
Sepsis	4	0.0	26.2	*	0.0	32.2	*	0.0	38.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	66.7	14.0	*	66.7	20.0	*	66.7	24.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	15	6.7	2.7	*	6.7	5.5	*	6.7	7.6	*
Open Reduction of Hip Fracture	5	0.0	7.6	*	40.0	14.0	*	40.0	17.9	*
Prostatectomy	33	0.0	0.8	*	0.0	1.9	*	0.0	3.2	*
Cholecystectomy	18	11.1	2.4	*	11.1	4.7	*	11.1	6.4	*
Hysterectomy	3	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	569	9.7	9.7	1.5	12.8	14.8	2.0	16.2	19.1	2.4
CONDITIONS:										
Acute Myocardial Infarction	18	33.3	29.6	*	33.3	35.0	*	50.0	39.5	*
Congestive Heart Failure	28	21.4	20.2	*	28.6	30.3	*	39.3	38.4	*
Pneumonia/Influenza	25	16.0	17.9	*	20.0	24.6	*	20.0	30.1	*
Chronic Obstructive Pulmonary Disease	15	13.3	11.4	*	13.3	20.1	*	20.0	27.2	*
Transient Cerebral Ischemia	2	0.0	1.8	*	0.0	4.2	*	0.0	6.4	*
Stroke	12	33.3	22.0	*	33.3	29.2	*	33.3	34.6	*
Hip Fracture	22	18.2	5.9	*	22.7	10.9	*	22.7	14.6	*
Sepsis	7	14.3	28.1	*	28.6	34.0	*	28.6	39.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.3	*	0.0	2.9	*	0.0	4.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	16	6.3	3.5	*	6.3	6.9	*	6.3	9.4	*
Open Reduction of Hip Fracture	10	10.0	5.0	*	20.0	9.7	*	20.0	13.0	*
Prostatectomy	3	0.0	0.7	*	0.0	1.7	*	0.0	2.7	*
Cholecystectomy	15	6.7	4.9	*	6.7	9.5	*	20.0	12.8	*
Hysterectomy	1	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MEMORIAL HOSPITAL SWEETWATER COUNTY

1200 College Dr
Rock Springs, WY 82901

Medicare Provider Number: 530011

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	507	7.5	8.6	1.6	10.7	13.1	2.2	14.6	16.6	2.3
CONDITIONS:										
Acute Myocardial Infarction	14	21.4	21.5	*	21.4	24.0	*	21.4	26.6	*
Congestive Heart Failure	21	4.8	12.2	*	4.8	18.5	*	14.3	24.2	*
Pneumonia/Influenza	23	8.7	16.7	*	13.0	22.6	*	21.7	27.3	*
Chronic Obstructive Pulmonary Disease	5	0.0	6.9	*	0.0	12.0	*	0.0	16.6	*
Transient Cerebral Ischemia	10	0.0	2.5	*	0.0	5.8	*	10.0	9.3	*
Stroke	24	16.7	15.3	*	16.7	21.6	*	20.8	25.9	*
Hip Fracture	22	13.6	5.5	*	13.6	10.0	*	13.6	13.1	*
Sepsis	5	0.0	16.7	*	20.0	21.8	*	20.0	26.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	3.5	*	0.0	7.3	*	0.0	10.4	*
Open Reduction of Hip Fracture	14	14.3	5.0	*	14.3	9.0	*	14.3	11.7	*
Prostatectomy	28	0.0	0.8	*	0.0	2.0	*	0.0	3.3	*
Cholecystectomy	12	0.0	2.7	*	8.3	4.7	*	8.3	5.8	*
Hysterectomy	6	0.0	0.2	*	0.0	0.4	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	99
Occupancy Rate	41
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	30
Percent of Physicians Board Certified Specialists	63
Medical Residents/Interns	0
Registered Nurses	55
Licensed Practical Nurses	41

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MEMORIAL HOSPITAL SWEETWATER COUNTY

Medicare Provider Number: 530011

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	525	9.0	8.8	1.3	12.4	13.7	1.7	15.4	17.4	2.4
CONDITIONS:										
Acute Myocardial Infarction	19	36.8	26.6	*	42.1	29.9	*	42.1	33.4	*
Congestive Heart Failure	23	13.0	13.6	*	17.4	20.8	*	17.4	26.7	*
Pneumonia/Influenza	30	30.0	17.5	*	36.7	24.1	*	43.3	29.1	*
Chronic Obstructive Pulmonary Disease	8	0.0	7.9	*	12.5	14.3	*	12.5	19.3	*
Transient Cerebral Ischemia	3	0.0	1.5	*	0.0	3.2	*	0.0	5.0	*
Stroke	14	28.6	25.3	*	42.9	33.8	*	42.9	39.2	*
Hip Fracture	15	0.0	6.3	*	0.0	12.1	*	0.0	16.1	*
Sepsis	8	50.0	20.1	*	62.5	28.1	*	62.5	34.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	3.2	*	0.0	6.5	*	0.0	8.6	*
Open Reduction of Hip Fracture	5	0.0	5.2	*	0.0	9.5	*	0.0	12.3	*
Prostatectomy	30	0.0	1.1	*	0.0	2.8	*	3.3	4.9	*
Cholecystectomy	11	0.0	3.9	*	9.1	7.5	*	9.1	10.2	*
Hysterectomy	3	0.0	0.5	*	0.0	0.9	*	0.0	1.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	546	6.2	8.6	1.7	10.1	13.1	2.1	12.6	16.6	2.6
CONDITIONS:										
Acute Myocardial Infarction	12	25.0	25.9	*	25.0	28.9	*	25.0	32.0	*
Congestive Heart Failure	20	0.0	12.6	*	0.0	19.0	*	5.0	24.9	*
Pneumonia/Influenza	46	15.2	17.5	*	17.4	23.8	*	19.6	28.7	*
Chronic Obstructive Pulmonary Disease	8	12.5	10.1	*	12.5	15.5	*	25.0	20.0	*
Transient Cerebral Ischemia	8	0.0	1.7	*	0.0	3.6	*	0.0	5.7	*
Stroke	21	4.8	17.9	*	4.8	25.4	*	4.8	30.0	*
Hip Fracture	11	18.2	6.2	*	18.2	11.6	*	18.2	15.4	*
Sepsis	4	0.0	28.8	*	25.0	37.0	*	25.0	42.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	25.0	4.9	*	25.0	9.5	*	25.0	12.8	*
Open Reduction of Hip Fracture	2	50.0	3.7	*	50.0	7.4	*	50.0	10.2	*
Prostatectomy	31	0.0	0.5	*	0.0	1.3	*	3.2	2.2	*
Cholecystectomy	11	0.0	2.8	*	9.1	5.5	*	9.1	7.4	*
Hysterectomy	5	0.0	0.3	*	0.0	0.5	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

NIOBRARA MEMORIAL HOSPITAL

921 Ballencee Ave
Lusk, WY 82225

Medicare Provider Number: 530027

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	36	13.9	7.7	*	16.7	11.1	*	25.0	14.1	*
CONDITIONS:										
Acute Myocardial Infarction	1	100.0	26.9	*	100.0	31.3	*	100.0	35.9	*
Congestive Heart Failure	2	100.0	16.6	*	100.0	27.1	*	100.0	35.5	*
Pneumonia/Influenza	3	0.0	12.3	*	0.0	17.0	*	0.0	21.4	*
Chronic Obstructive Pulmonary Disease	1	0.0	12.2	*	0.0	20.4	*	0.0	26.9	*
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	51
Occupancy Rate	75
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

NIOBRARA MEMORIAL HOSPITAL

Medicare Provider Number: 530027

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	32	12.5	8.5	*	25.0	13.8	*	31.3	17.9	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	1	100.0	23.8	*	100.0	38.4	*	100.0	49.0	*
Pneumonia/Influenza	2	0.0	11.4	*	0.0	16.1	*	0.0	19.8	*
Chronic Obstructive Pulmonary Disease	1	100.0	7.0	*	100.0	11.4	*	100.0	17.0	*
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	1	0.0	19.3	*	0.0	27.9	*	100.0	33.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	31	6.5	8.7	*	9.7	13.8	*	9.7	17.8	*
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	25.0	*	0.0	26.8	*	0.0	28.9	*
Congestive Heart Failure	2	0.0	12.3	*	0.0	18.5	*	0.0	24.3	*
Pneumonia/Influenza	3	0.0	14.2	*	0.0	18.9	*	0.0	23.5	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	0.0	1.7	*	0.0	3.8	*	0.0	6.2	*
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

NORTH BIG HORN HOSPITAL

1115 Lane 12
Lovell, WY 82431

Medicare Provider Number: 530029

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	98	10.2	6.9	3.8	13.3	10.9	4.5	17.3	14.2	6.2
CONDITIONS:										
Acute Myocardial Infarction	4	0.0	15.1	*	0.0	17.9	*	0.0	20.8	*
Congestive Heart Failure	2	0.0	12.0	*	0.0	19.1	*	0.0	25.4	*
Pneumonia/Influenza	8	25.0	13.3	*	25.0	18.1	*	25.0	22.1	*
Chronic Obstructive Pulmonary Disease	4	0.0	10.8	*	0.0	15.7	*	25.0	20.1	*
Transient Cerebral Ischemia	3	0.0	1.8	*	0.0	3.9	*	0.0	6.2	*
Stroke	0									
Hip Fracture	2	50.0	7.8	*	50.0	15.7	*	50.0	21.9	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	90
Occupancy Rate	69
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	2
Percent of Physicians Board Certified Specialists	50
Medical Residents/Interns	0
Registered Nurses	10
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

NORTH BIG HORN HOSPITAL

Medicare Provider Number: 530029

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	91	8.8	11.3	4.2	11.0	16.7	6.3	16.5	20.8	6.1
CONDITIONS:										
Acute Myocardial Infarction	3	33.3	23.8	*	33.3	26.6	*	33.3	30.0	*
Congestive Heart Failure	3	33.3	20.0	*	33.3	30.1	*	33.3	37.1	*
Pneumonia/Influenza	5	20.0	13.1	*	20.0	17.1	*	40.0	20.5	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	0.0	2.6	*	0.0	7.0	*	0.0	12.5	*
Stroke	2	0.0	19.5	*	0.0	26.8	*	0.0	31.8	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	1.1	*	0.0	2.1	*	0.0	2.6	*
Hysterectomy	1	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	135	13.3	8.7	3.5	17.8	14.0	3.9	20.7	18.1	3.8
CONDITIONS:										
Acute Myocardial Infarction	2	100.0	35.7	*	100.0	41.3	*	100.0	47.2	*
Congestive Heart Failure	4	0.0	23.3	*	0.0	35.9	*	25.0	45.0	*
Pneumonia/Influenza	7	0.0	10.4	*	0.0	14.5	*	0.0	18.1	*
Chronic Obstructive Pulmonary Disease	2	50.0	12.8	*	50.0	23.8	*	50.0	32.0	*
Transient Cerebral Ischemia	1	0.0	4.7	*	0.0	11.6	*	0.0	19.7	*
Stroke	7	71.4	21.2	*	85.7	28.0	*	85.7	33.0	*
Hip Fracture	0									
Sepsis	2	0.0	32.3	*	0.0	41.7	*	0.0	49.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	7	0.0	1.7	*	0.0	3.4	*	0.0	4.9	*
Hysterectomy	1	0.0	0.3	*	0.0	0.6	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

POWELL HOSPITAL

777 Ave H
Powell, WY 82435

Medicare Provider Number: 530007

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	193	9.3	9.4	2.1	12.4	13.9	3.0	16.1	17.4	3.3
CONDITIONS:										
Acute Myocardial Infarction	3	66.7	38.4	*	66.7	41.3	*	66.7	45.4	*
Congestive Heart Failure	2	0.0	10.9	*	0.0	16.1	*	0.0	21.0	*
Pneumonia/Influenza	10	10.0	12.5	*	10.0	17.1	*	10.0	21.1	*
Chronic Obstructive Pulmonary Disease	3	0.0	8.4	*	0.0	14.6	*	0.0	19.9	*
Transient Cerebral Ischemia	3	0.0	2.0	*	33.3	4.6	*	66.7	7.5	*
Stroke	12	16.7	26.2	*	16.7	32.9	*	25.0	37.8	*
Hip Fracture	4	0.0	7.8	*	0.0	15.1	*	0.0	20.3	*
Sepsis	4	0.0	20.5	*	0.0	26.7	*	0.0	31.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	3.2	*	0.0	6.3	*	0.0	8.9	*
Open Reduction of Hip Fracture	2	0.0	7.5	*	0.0	15.0	*	0.0	20.5	*
Prostatectomy	2	0.0	0.4	*	0.0	1.0	*	0.0	1.7	*
Cholecystectomy	5	0.0	5.7	*	0.0	8.8	*	20.0	9.8	*
Hysterectomy	1	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	138
Occupancy Rate	80
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	12
Percent of Physicians Board Certified Specialists	33
Medical Residents/Interns	0
Registered Nurses	21
Licensed Practical Nurses	7

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

POWELL HOSPITAL

Medicare Provider Number: 530007

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	258	5.8	8.1	2.4	13.6	12.8	2.9	15.5	16.7	3.1
CONDITIONS:										
Acute Myocardial Infarction	5	20.0	26.2	*	60.0	31.0	*	60.0	35.1	*
Congestive Heart Failure	4	25.0	11.6	*	25.0	18.7	*	25.0	24.9	*
Pneumonia/Influenza	14	14.3	23.7	*	21.4	30.2	*	28.6	34.8	*
Chronic Obstructive Pulmonary Disease	2	0.0	8.8	*	0.0	15.9	*	0.0	22.0	*
Transient Cerebral Ischemia	6	0.0	2.9	*	0.0	6.6	*	0.0	10.1	*
Stroke	7	28.6	19.7	*	57.1	27.2	*	57.1	32.7	*
Hip Fracture	3	0.0	10.4	*	0.0	19.2	*	33.3	24.4	*
Sepsis	1	0.0	22.5	*	0.0	36.0	*	0.0	44.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	2.2	*	0.0	4.8	*	0.0	7.6	*
Carotid Endarterectomy	2	0.0	1.9	*	0.0	4.2	*	0.0	6.3	*
Hip Replacement/Reconstruction	2	0.0	9.2	*	0.0	17.7	*	50.0	23.0	*
Open Reduction of Hip Fracture	1	0.0	10.0	*	0.0	19.3	*	0.0	24.8	*
Prostatectomy	9	0.0	0.4	*	0.0	1.1	*	0.0	2.0	*
Cholecystectomy	7	0.0	2.0	*	14.3	3.5	*	14.3	4.6	*
Hysterectomy	2	0.0	0.1	*	0.0	0.3	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	264	9.8	8.4	2.2	14.0	12.5	2.4	16.3	15.9	2.5
CONDITIONS:										
Acute Myocardial Infarction	5	20.0	29.9	*	20.0	33.2	*	20.0	36.7	*
Congestive Heart Failure	4	25.0	14.2	*	50.0	21.3	*	50.0	27.5	*
Pneumonia/Influenza	12	8.3	13.4	*	8.3	17.8	*	8.3	21.7	*
Chronic Obstructive Pulmonary Disease	3	33.3	9.4	*	33.3	16.8	*	33.3	22.7	*
Transient Cerebral Ischemia	5	0.0	1.8	*	0.0	3.9	*	0.0	6.2	*
Stroke	4	50.0	18.8	*	50.0	25.7	*	50.0	30.4	*
Hip Fracture	3	0.0	4.5	*	0.0	8.8	*	0.0	11.8	*
Sepsis	3	33.3	21.4	*	33.3	33.2	*	33.3	41.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	6.4	*	100.0	12.9	*	100.0	18.4	*
Carotid Endarterectomy	3	0.0	1.7	*	0.0	3.2	*	0.0	4.5	*
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	2	0.0	3.0	*	0.0	5.9	*	0.0	8.1	*
Prostatectomy	12	0.0	0.6	*	0.0	1.5	*	0.0	2.8	*
Cholecystectomy	15	13.3	2.2	*	13.3	4.3	*	26.7	5.8	*
Hysterectomy	3	0.0	0.4	*	0.0	0.5	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

RIVERTON MEMORIAL HOSPITAL

2100 W Sunset Dr
Riverton, WY 82501

Medicare Provider Number: 530008

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	448	8.3	7.6	1.6	11.8	11.5	1.6	14.5	14.7	1.7
CONDITIONS:										
Acute Myocardial Infarction	16	25.0	26.1	*	31.3	29.3	*	31.3	32.8	*
Congestive Heart Failure	16	18.8	18.2	*	25.0	27.7	*	37.5	35.4	*
Pneumonia/Influenza	21	14.3	13.6	*	14.3	18.9	*	14.3	23.3	*
Chronic Obstructive Pulmonary Disease	10	0.0	7.6	*	10.0	12.4	*	10.0	16.8	*
Transient Cerebral Ischemia	9	0.0	1.4	*	11.1	3.3	*	11.1	5.4	*
Stroke	10	0.0	14.0	*	0.0	19.5	*	0.0	23.3	*
Hip Fracture	5	20.0	5.2	*	20.0	9.3	*	40.0	12.2	*
Sepsis	1	0.0	22.9	*	0.0	33.1	*	0.0	39.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*
Open Reduction of Hip Fracture	4	25.0	5.5	*	25.0	10.5	*	50.0	13.9	*
Prostatectomy	26	0.0	0.9	*	0.0	2.4	*	3.8	4.1	*
Cholecystectomy	19	5.3	2.1	*	5.3	3.7	*	5.3	5.0	*
Hysterectomy	2	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	63
Occupancy Rate	40
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	25
Percent of Physicians Board Certified Specialists	60
Medical Residents/Interns	0
Registered Nurses	49
Licensed Practical Nurses	10

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

RIVERTON MEMORIAL HOSPITAL

Medicare Provider Number: 530008

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	489	8.2	7.2	1.4	11.5	11.0	1.4	12.9	14.2	1.7
CONDITIONS:										
Acute Myocardial Infarction	16	25.0	22.0	*	25.0	24.7	*	25.0	28.0	*
Congestive Heart Failure	27	18.5	15.4	*	22.2	23.5	*	22.2	30.1	*
Pneumonia/Influenza	16	25.0	13.7	*	31.3	18.6	*	31.3	22.7	*
Chronic Obstructive Pulmonary Disease	17	11.8	7.4	*	11.8	12.2	*	11.8	16.4	*
Transient Cerebral Ischemia	5	20.0	1.6	*	20.0	3.5	*	20.0	5.5	*
Stroke	12	16.7	22.4	*	16.7	29.1	*	25.0	33.8	*
Hip Fracture	10	0.0	6.2	*	20.0	11.4	*	20.0	14.7	*
Sepsis	1	0.0	27.2	*	0.0	31.3	*	0.0	36.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	50.0	10.4	*	50.0	18.4	*	50.0	24.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	0.0	3.0	*	14.3	5.6	*	14.3	7.5	*
Open Reduction of Hip Fracture	5	0.0	7.1	*	20.0	13.6	*	20.0	17.7	*
Prostatectomy	23	8.7	1.0	*	17.4	2.6	*	17.4	4.4	*
Cholecystectomy	15	6.7	4.6	*	6.7	8.2	*	6.7	10.5	*
Hysterectomy	3	0.0	0.4	*	0.0	1.0	*	0.0	1.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	509	7.7	7.3	1.4	11.2	11.2	1.4	13.8	14.4	1.6
CONDITIONS:										
Acute Myocardial Infarction	16	25.0	24.3	*	37.5	28.2	*	37.5	32.0	*
Congestive Heart Failure	12	16.7	16.4	*	16.7	25.2	*	16.7	32.4	*
Pneumonia/Influenza	20	15.0	13.3	*	15.0	18.9	*	15.0	23.5	*
Chronic Obstructive Pulmonary Disease	15	6.7	11.0	*	6.7	17.5	*	13.3	22.3	*
Transient Cerebral Ischemia	4	0.0	1.9	*	0.0	4.1	*	0.0	6.6	*
Stroke	11	9.1	21.3	*	18.2	28.4	*	27.3	33.4	*
Hip Fracture	12	8.3	4.7	*	8.3	8.6	*	16.7	11.4	*
Sepsis	1	0.0	44.3	*	0.0	59.1	*	0.0	64.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	4.8	*	0.0	7.9	*	0.0	10.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	25.0	5.3	*	25.0	10.7	*	25.0	15.2	*
Open Reduction of Hip Fracture	8	12.5	4.5	*	12.5	8.6	*	25.0	11.5	*
Prostatectomy	42	0.0	1.2	*	2.4	2.9	*	7.1	4.9	*
Cholecystectomy	14	0.0	1.2	*	0.0	2.3	*	0.0	3.1	*
Hysterectomy	3	0.0	0.2	*	0.0	0.6	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

SOUTH BIG HORN HOSPITAL

River Route
Greybull, WY 82426

Medicare Provider Number: 530024

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	114	17.5	11.4	4.1	23.7	16.8	5.0	27.2	21.4	4.9
CONDITIONS:										
Acute Myocardial Infarction	3	66.7	30.5	*	66.7	34.2	*	66.7	37.3	*
Congestive Heart Failure	7	42.9	18.1	*	57.1	27.4	*	57.1	35.3	*
Pneumonia/Influenza	15	40.0	17.4	*	46.7	23.3	*	46.7	27.7	*
Chronic Obstructive Pulmonary Disease	7	0.0	6.4	*	0.0	10.7	*	0.0	14.6	*
Transient Cerebral Ischemia	0									
Stroke	5	20.0	17.6	*	20.0	22.8	*	20.0	27.1	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	56
Occupancy Rate	61
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

SOUTH BIG HORN HOSPITAL

Medicare Provider Number: 530024

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	127	21.3	16.5	4.6	22.0	23.9	3.9	25.2	29.3	4.5
CONDITIONS:										
Acute Myocardial Infarction	2	100.0	40.4	*	100.0	45.0	*	100.0	50.0	*
Congestive Heart Failure	9	11.1	23.6	*	11.1	32.7	*	11.1	39.7	*
Pneumonia/Influenza	17	29.4	18.8	*	29.4	25.0	*	29.4	29.4	*
Chronic Obstructive Pulmonary Disease	4	0.0	5.8	*	0.0	9.5	*	0.0	13.0	*
Transient Cerebral Ischemia	0									
Stroke	4	25.0	23.4	*	25.0	29.8	*	25.0	34.8	*
Hip Fracture	1	0.0	4.6	*	0.0	8.5	*	0.0	11.1	*
Sepsis	1	0.0	28.4	*	0.0	45.3	*	100.0	56.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	149	9.4	11.6	4.2	12.8	17.0	4.5	16.1	21.3	4.9
CONDITIONS:										
Acute Myocardial Infarction	6	50.0	38.8	*	50.0	45.0	*	50.0	49.6	*
Congestive Heart Failure	5	0.0	13.9	*	0.0	22.7	*	0.0	30.3	*
Pneumonia/Influenza	20	15.0	21.0	*	20.0	27.8	*	20.0	33.1	*
Chronic Obstructive Pulmonary Disease	4	0.0	8.0	*	0.0	13.5	*	0.0	17.9	*
Transient Cerebral Ischemia	3	0.0	2.1	*	0.0	5.1	*	0.0	8.4	*
Stroke	5	40.0	28.6	*	60.0	34.3	*	80.0	38.4	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	3	0.0	9.5	*	0.0	14.4	*	0.0	16.4	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

SOUTH LINCOLN MEDICAL CENTER

Moose and Onyx Streets
Kemmerer, WY 83101

Medicare Provider Number: 530017

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	51	9.8	10.0	4.3	15.7	15.9	5.2	17.6	20.4	6.5
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	5.3	*	0.0	7.7	*	0.0	10.1	*
Congestive Heart Failure	7	14.3	13.1	*	14.3	20.9	*	14.3	27.8	*
Pneumonia/Influenza	5	0.0	12.5	*	0.0	17.6	*	0.0	22.0	*
Chronic Obstructive Pulmonary Disease	1	100.0	4.4	*	100.0	8.1	*	100.0	11.8	*
Transient Cerebral Ischemia	2	0.0	3.5	*	0.0	8.4	*	0.0	14.0	*
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	4	0.0	1.0	*	0.0	2.5	*	0.0	4.3	*
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	18
Occupancy Rate	17
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	3
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	11
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

SOUTH LINCOLN MEDICAL CENTER

Medicare Provider Number: 530017

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	54	9.3	10.1	4.6	18.5	15.9	5.3	25.9	20.7	6.4
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	27.0	*	100.0	31.3	*	100.0	35.6	*
Congestive Heart Failure	8	12.5	15.8	*	12.5	24.9	*	12.5	32.3	*
Pneumonia/Influenza	5	0.0	9.7	*	0.0	13.3	*	0.0	16.4	*
Chronic Obstructive Pulmonary Disease	2	0.0	18.2	*	50.0	30.6	*	50.0	39.3	*
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	1	0.0	25.7	*	0.0	30.6	*	0.0	36.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	0.4	*	0.0	0.9	*	0.0	1.5	*
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	52	21.2	10.1	6.4	21.2	15.9	7.3	23.1	20.1	7.2
CONDITIONS:										
Acute Myocardial Infarction	1	100.0	41.6	*	100.0	44.3	*	100.0	48.0	*
Congestive Heart Failure	3	33.3	15.2	*	33.3	23.6	*	33.3	30.7	*
Pneumonia/Influenza	5	40.0	19.8	*	40.0	26.7	*	40.0	31.8	*
Chronic Obstructive Pulmonary Disease	2	50.0	12.0	*	50.0	21.6	*	50.0	28.8	*
Transient Cerebral Ischemia	1	0.0	2.0	*	0.0	4.4	*	0.0	7.1	*
Stroke	1	0.0	16.4	*	0.0	21.1	*	0.0	25.2	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST JOHNS HOSPITAL

555 E Broadway
Jackson, WY 83001

Medicare Provider Number: 530015

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	278	5.0	5.7	1.9	7.9	8.9	1.9	10.8	11.6	2.1
CONDITIONS:										
Acute Myocardial Infarction	5	0.0	22.6	*	0.0	25.6	*	0.0	29.0	*
Congestive Heart Failure	7	28.6	14.3	*	28.6	23.4	*	42.9	30.8	*
Pneumonia/Influenza	7	14.3	8.5	*	14.3	11.9	*	14.3	14.8	*
Chronic Obstructive Pulmonary Disease	6	0.0	4.9	*	0.0	8.7	*	0.0	12.2	*
Transient Cerebral Ischemia	4	0.0	1.5	*	0.0	3.2	*	0.0	5.0	*
Stroke	6	16.7	30.1	*	33.3	38.8	*	50.0	43.6	*
Hip Fracture	11	0.0	6.5	*	0.0	11.9	*	9.1	15.5	*
Sepsis	1	0.0	17.9	*	0.0	23.4	*	0.0	27.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	0.0	2.5	*	0.0	4.5	*	0.0	5.9	*
Open Reduction of Hip Fracture	6	0.0	6.2	*	0.0	12.4	*	16.7	16.7	*
Prostatectomy	7	0.0	0.5	*	0.0	1.3	*	0.0	2.4	*
Cholecystectomy	6	0.0	1.3	*	0.0	2.5	*	0.0	3.4	*
Hysterectomy	4	0.0	2.3	*	0.0	5.5	*	25.0	8.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	51
Occupancy Rate	61
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	19
Percent of Physicians Board Certified Specialists	79
Medical Residents/Interns	0
Registered Nurses	42
Licensed Practical Nurses	2

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST JOHNS HOSPITAL

Medicare Provider Number: 530015

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	261	5.4	4.7	1.8	7.3	7.6	1.9	11.5	10.2	2.7
CONDITIONS:										
Acute Myocardial Infarction	5	40.0	23.0	*	40.0	25.7	*	60.0	28.8	*
Congestive Heart Failure	7	0.0	12.9	*	0.0	19.0	*	0.0	24.9	*
Pneumonia/Influenza	19	21.1	13.5	*	26.3	19.1	*	31.6	23.4	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	7	0.0	1.3	*	0.0	2.7	*	0.0	4.2	*
Stroke	5	0.0	16.5	*	20.0	22.5	*	20.0	27.1	*
Hip Fracture	7	14.3	5.8	*	14.3	10.4	*	14.3	13.4	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	2.0	*	0.0	3.7	*	0.0	4.9	*
Open Reduction of Hip Fracture	4	0.0	5.0	*	0.0	9.5	*	0.0	12.6	*
Prostatectomy	14	0.0	0.7	*	7.1	1.8	*	7.1	3.1	*
Cholecystectomy	9	0.0	3.4	*	11.1	6.6	*	11.1	8.8	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	267	6.0	5.3	1.9	7.5	8.2	2.1	9.4	10.7	3.2
CONDITIONS:										
Acute Myocardial Infarction	3	100.0	31.7	*	100.0	34.9	*	100.0	38.3	*
Congestive Heart Failure	9	0.0	14.3	*	0.0	21.4	*	0.0	26.9	*
Pneumonia/Influenza	10	0.0	8.7	*	0.0	11.9	*	0.0	14.7	*
Chronic Obstructive Pulmonary Disease	3	0.0	3.4	*	0.0	6.5	*	0.0	9.2	*
Transient Cerebral Ischemia	6	0.0	1.2	*	0.0	2.4	*	16.7	3.7	*
Stroke	8	0.0	15.0	*	0.0	19.9	*	0.0	23.9	*
Hip Fracture	6	0.0	5.0	*	0.0	8.5	*	0.0	10.9	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.3	*	0.0	3.2	*	0.0	5.3	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	1.4	*	0.0	2.6	*	0.0	3.6	*
Open Reduction of Hip Fracture	3	0.0	4.4	*	0.0	8.0	*	0.0	10.4	*
Prostatectomy	13	0.0	0.5	*	0.0	1.1	*	0.0	1.8	*
Cholecystectomy	4	0.0	3.6	*	0.0	6.4	*	0.0	8.0	*
Hysterectomy	4	0.0	2.0	*	0.0	4.4	*	25.0	6.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

STAR VALLEY HOSPITAL

110 Hospital Lane
Afton, WY 83110

Medicare Provider Number: 530023

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	45	2.2	5.9	*	4.4	9.1	*	4.4	11.7	*
CONDITIONS:										
Acute Myocardial Infarction	4	0.0	23.7	*	0.0	26.8	*	0.0	30.0	*
Congestive Heart Failure	1	100.0	32.4	*	100.0	50.2	*	100.0	60.6	*
Pneumonia/Influenza	2	0.0	6.9	*	0.0	10.5	*	0.0	12.7	*
Chronic Obstructive Pulmonary Disease	1	0.0	2.7	*	0.0	5.6	*	0.0	8.6	*
Transient Cerebral Ischemia	1	0.0	1.2	*	0.0	3.1	*	0.0	5.0	*
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	0.4	*	0.0	0.7	*	0.0	0.9	*
Hysterectomy	1	0.0	0.6	*	0.0	1.4	*	0.0	2.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	15
Occupancy Rate	27
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	3
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	7
Licensed Practical Nurses	2

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

STAR VALLEY HOSPITAL

Medicare Provider Number: 530023

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	49	8.2	4.7	*	14.3	7.5	*	18.4	10.1	*
CONDITIONS:										
Acute Myocardial Infarction	2	0.0	13.7	*	0.0	15.6	*	0.0	17.8	*
Congestive Heart Failure	4	25.0	19.8	*	25.0	33.5	*	50.0	44.4	*
Pneumonia/Influenza	3	0.0	10.2	*	33.3	14.6	*	33.3	18.1	*
Chronic Obstructive Pulmonary Disease	1	0.0	7.7	*	0.0	12.6	*	0.0	16.2	*
Transient Cerebral Ischemia	0									
Stroke	2	0.0	11.7	*	0.0	18.1	*	0.0	22.5	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	63	4.8	5.2	2.9	9.5	8.4	3.7	12.7	11.3	4.1
CONDITIONS:										
Acute Myocardial Infarction	4	25.0	21.3	*	25.0	23.7	*	25.0	26.3	*
Congestive Heart Failure	3	0.0	17.2	*	66.7	29.2	*	66.7	38.1	*
Pneumonia/Influenza	2	50.0	19.2	*	50.0	27.3	*	50.0	32.9	*
Chronic Obstructive Pulmonary Disease	1	100.0	17.9	*	100.0	43.4	*	100.0	66.0	*
Transient Cerebral Ischemia	1	0.0	1.3	*	100.0	2.8	*	100.0	4.5	*
Stroke	1	0.0	27.8	*	0.0	37.8	*	0.0	44.1	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	1.7	*	0.0	3.0	*	0.0	4.1	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

WASHAKIE COUNTY MEMORIAL HOSPITAL

400 South 15th St
Worland, WY 82401

Medicare Provider Number: 530022

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	196	9.2	7.0	3.9	14.8	11.0	4.0	18.4	14.3	4.0
CONDITIONS:										
Acute Myocardial Infarction	6	50.0	34.7	*	50.0	38.9	*	50.0	42.6	*
Congestive Heart Failure	8	0.0	13.2	*	25.0	20.5	*	25.0	27.0	*
Pneumonia/Influenza	11	18.2	18.3	*	36.4	25.7	*	36.4	31.6	*
Chronic Obstructive Pulmonary Disease	9	11.1	6.0	*	11.1	10.6	*	11.1	14.7	*
Transient Cerebral Ischemia	2	0.0	3.3	*	0.0	7.9	*	0.0	12.8	*
Stroke	5	80.0	20.7	*	80.0	29.6	*	100.0	35.3	*
Hip Fracture	4	0.0	4.8	*	0.0	8.7	*	0.0	11.6	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	7.5	*	0.0	13.6	*	0.0	17.8	*
Open Reduction of Hip Fracture	2	0.0	3.6	*	0.0	6.8	*	0.0	9.1	*
Prostatectomy	0									
Cholecystectomy	9	0.0	1.4	*	0.0	2.3	*	0.0	3.0	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	30
Occupancy Rate	30
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	11
Percent of Physicians Board Certified Specialists	82
Medical Residents/Interns	0
Registered Nurses	14
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

WASHAKIE COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 530022

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	210	6.7	7.2	1.8	10.0	11.1	2.5	12.4	14.4	2.7
CONDITIONS:										
Acute Myocardial Infarction	4	0.0	25.0	*	0.0	28.6	*	0.0	32.4	*
Congestive Heart Failure	7	28.6	18.1	*	28.6	27.5	*	42.9	35.0	*
Pneumonia/Influenza	15	13.3	13.6	*	20.0	18.0	*	20.0	21.8	*
Chronic Obstructive Pulmonary Disease	6	16.7	7.9	*	16.7	13.4	*	16.7	18.3	*
Transient Cerebral Ischemia	3	0.0	1.2	*	0.0	2.7	*	0.0	4.5	*
Stroke	5	20.0	35.1	*	60.0	41.3	*	60.0	46.1	*
Hip Fracture	5	20.0	6.5	*	40.0	12.2	*	40.0	16.1	*
Sepsis	2	0.0	18.7	*	0.0	25.1	*	0.0	30.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	3	0.0	5.3	*	33.3	9.9	*	33.3	13.0	*
Prostatectomy	0									
Cholecystectomy	9	0.0	1.5	*	0.0	2.6	*	0.0	3.4	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	172	10.5	8.4	2.8	15.1	13.1	2.8	16.3	16.9	2.9
CONDITIONS:										
Acute Myocardial Infarction	8	37.5	30.8	*	37.5	34.0	*	37.5	37.4	*
Congestive Heart Failure	6	0.0	14.7	*	16.7	24.0	*	16.7	31.2	*
Pneumonia/Influenza	24	16.7	14.9	*	20.8	20.4	*	25.0	24.7	*
Chronic Obstructive Pulmonary Disease	4	0.0	10.2	*	25.0	19.3	*	25.0	26.7	*
Transient Cerebral Ischemia	4	0.0	4.0	*	25.0	8.6	*	25.0	12.6	*
Stroke	5	0.0	18.2	*	0.0	25.6	*	0.0	30.3	*
Hip Fracture	5	0.0	11.0	*	0.0	22.1	*	0.0	29.6	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	4.3	*	0.0	8.7	*	0.0	11.8	*
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	1.1	*	0.0	2.0	*	0.0	2.8	*
Hysterectomy	2	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

WEST PARK COUNTY HOSPITAL

707 Sheridan
Cody, WY 82414

Medicare Provider Number: 530016

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	440	7.0	7.8	1.7	10.7	11.8	2.5	13.4	15.0	3.3
CONDITIONS:										
Acute Myocardial Infarction	20	15.0	25.4	*	20.0	29.0	*	30.0	32.4	*
Congestive Heart Failure	19	10.5	13.8	*	26.3	22.5	*	26.3	29.8	*
Pneumonia/Influenza	23	4.3	17.8	*	13.0	24.5	*	13.0	29.7	*
Chronic Obstructive Pulmonary Disease	10	0.0	6.3	*	0.0	10.9	*	10.0	15.1	*
Transient Cerebral Ischemia	7	0.0	1.7	*	14.3	3.9	*	14.3	6.2	*
Stroke	7	0.0	20.4	*	28.6	29.1	*	42.9	34.1	*
Hip Fracture	26	11.5	7.1	*	11.5	12.4	*	15.4	15.9	*
Sepsis	3	33.3	23.5	*	33.3	28.7	*	33.3	33.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	10.9	*	0.0	15.7	*	0.0	18.3	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	14	7.1	2.9	*	7.1	5.1	*	7.1	6.7	*
Open Reduction of Hip Fracture	12	8.3	6.9	*	8.3	12.5	*	16.7	16.0	*
Prostatectomy	3	0.0	0.4	*	0.0	0.9	*	0.0	1.6	*
Cholecystectomy	12	0.0	3.0	*	0.0	5.6	*	0.0	7.1	*
Hysterectomy	2	0.0	0.4	*	0.0	0.7	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	147
Occupancy Rate	86
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	22
Percent of Physicians Board Certified Specialists	59
Medical Residents/Interns	0
Registered Nurses	45
Licensed Practical Nurses	10

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

WEST PARK COUNTY HOSPITAL

Medicare Provider Number: 530016

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	422	9.0	8.2	1.4	13.0	12.5	1.7	14.9	15.9	2.0
CONDITIONS:										
Acute Myocardial Infarction	8	12.5	17.2	*	37.5	20.1	*	37.5	23.3	*
Congestive Heart Failure	17	11.8	18.3	*	17.6	28.4	*	17.6	36.2	*
Pneumonia/Influenza	26	11.5	15.1	*	15.4	20.7	*	15.4	25.1	*
Chronic Obstructive Pulmonary Disease	18	16.7	7.5	*	27.8	12.9	*	33.3	17.5	*
Transient Cerebral Ischemia	11	0.0	2.3	*	0.0	5.2	*	0.0	8.2	*
Stroke	10	20.0	17.9	*	20.0	24.0	*	30.0	28.3	*
Hip Fracture	11	0.0	5.5	*	0.0	10.6	*	0.0	14.5	*
Sepsis	3	0.0	35.5	*	33.3	45.2	*	33.3	51.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	100.0	20.4	*	100.0	26.4	*	100.0	31.6	*
Carotid Endarterectomy	1	0.0	1.7	*	0.0	3.5	*	0.0	5.3	*
Hip Replacement/Reconstruction	9	11.1	1.2	*	11.1	2.2	*	11.1	3.1	*
Open Reduction of Hip Fracture	7	0.0	4.7	*	0.0	9.4	*	0.0	12.8	*
Prostatectomy	16	0.0	0.6	*	0.0	1.3	*	0.0	2.1	*
Cholecystectomy	13	7.7	3.4	*	7.7	6.5	*	15.4	8.4	*
Hysterectomy	2	0.0	0.4	*	0.0	0.9	*	0.0	1.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	382	6.3	7.4	1.4	8.9	11.4	2.0	11.5	14.6	2.6
CONDITIONS:										
Acute Myocardial Infarction	12	33.3	23.6	*	33.3	27.0	*	33.3	30.4	*
Congestive Heart Failure	16	6.3	15.7	*	6.3	24.5	*	18.8	31.5	*
Pneumonia/Influenza	18	11.1	16.6	*	11.1	22.8	*	11.1	27.6	*
Chronic Obstructive Pulmonary Disease	10	10.0	7.4	*	20.0	13.5	*	30.0	18.5	*
Transient Cerebral Ischemia	6	0.0	1.5	*	0.0	3.0	*	0.0	4.7	*
Stroke	10	20.0	20.8	*	20.0	28.2	*	20.0	32.7	*
Hip Fracture	14	14.3	4.8	*	21.4	8.9	*	28.6	11.8	*
Sepsis	1	0.0	14.3	*	0.0	17.6	*	0.0	21.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	25.0	4.0	*	25.0	8.2	*	25.0	12.3	*
Carotid Endarterectomy	1	0.0	4.0	*	0.0	7.3	*	0.0	11.0	*
Hip Replacement/Reconstruction	8	0.0	2.9	*	12.5	5.9	*	12.5	8.1	*
Open Reduction of Hip Fracture	7	28.6	5.2	*	28.6	9.9	*	42.9	13.0	*
Prostatectomy	15	0.0	0.7	*	0.0	1.8	*	0.0	3.1	*
Cholecystectomy	16	0.0	3.0	*	0.0	4.8	*	0.0	5.9	*
Hysterectomy	2	0.0	1.1	*	0.0	2.6	*	0.0	4.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

WESTON COUNTY HOSPITAL

1124 Washington Blvd
Newcastle, WY 82701

Medicare Provider Number: 530003

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	110	10.0	7.0	3.9	15.5	11.1	4.5	17.3	14.4	4.4
CONDITIONS:										
Acute Myocardial Infarction	2	50.0	40.7	*	50.0	44.1	*	50.0	48.9	*
Congestive Heart Failure	3	0.0	7.6	*	33.3	12.8	*	33.3	18.0	*
Pneumonia/Influenza	7	28.6	12.2	*	42.9	16.9	*	42.9	20.9	*
Chronic Obstructive Pulmonary Disease	4	0.0	3.3	*	0.0	6.3	*	50.0	9.0	*
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	2	50.0	40.6	*	50.0	50.1	*	50.0	60.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	4	0.0	0.6	*	0.0	1.3	*	0.0	2.1	*
Cholecystectomy	3	0.0	1.5	*	0.0	2.9	*	0.0	4.0	*
Hysterectomy	1	0.0	0.3	*	0.0	0.5	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	61
Occupancy Rate	71
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	4
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	10
Licensed Practical Nurses	2

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

WESTON COUNTY HOSPITAL

Medicare Provider Number: 530003

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	159	12.6	8.0	3.5	18.9	12.4	4.0	20.8	16.0	4.4
CONDITIONS:										
Acute Myocardial Infarction	6	33.3	25.9	*	50.0	28.9	*	50.0	32.5	*
Congestive Heart Failure	8	62.5	12.8	*	62.5	21.6	*	62.5	28.9	*
Pneumonia/Influenza	18	16.7	14.7	*	22.2	20.2	*	22.2	24.4	*
Chronic Obstructive Pulmonary Disease	3	0.0	3.4	*	0.0	6.4	*	0.0	9.1	*
Transient Cerebral Ischemia	3	0.0	2.5	*	0.0	6.0	*	0.0	9.5	*
Stroke	0									
Hip Fracture	2	0.0	5.2	*	0.0	10.1	*	0.0	13.5	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	4.9	*	0.0	9.8	*	0.0	13.3	*
Open Reduction of Hip Fracture	0									
Prostatectomy	10	0.0	0.4	*	0.0	1.0	*	0.0	1.6	*
Cholecystectomy	1	0.0	0.8	*	0.0	1.6	*	0.0	2.4	*
Hysterectomy	2	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	118	8.5	5.9	3.3	9.3	9.7	3.5	12.7	13.0	3.2
CONDITIONS:										
Acute Myocardial Infarction	5	20.0	26.0	*	20.0	29.8	*	20.0	33.6	*
Congestive Heart Failure	2	0.0	7.4	*	0.0	11.7	*	0.0	15.9	*
Pneumonia/Influenza	9	22.2	15.1	*	22.2	21.4	*	22.2	26.5	*
Chronic Obstructive Pulmonary Disease	5	0.0	9.0	*	0.0	17.5	*	0.0	24.6	*
Transient Cerebral Ischemia	1	100.0	1.8	*	100.0	3.5	*	100.0	5.5	*
Stroke	0									
Hip Fracture	2	0.0	3.4	*	0.0	6.5	*	0.0	8.9	*
Sepsis	1	0.0	18.2	*	0.0	25.3	*	0.0	31.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	1.5	*	0.0	2.2	*	0.0	2.8	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

WYOMING MEDICAL CENTER

1233 East 2nd St
Casper, WY 82601

Medicare Provider Number: 530012

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,547	8.0	7.9	1.0	12.3	11.8	1.1	15.4	14.9	1.4
CONDITIONS:										
Acute Myocardial Infarction	58	19.0	28.8	7.5	25.9	31.7	6.6	27.6	35.1	7.0
Congestive Heart Failure	49	8.2	13.0	*	14.3	20.7	*	22.4	27.2	*
Pneumonia/Influenza	63	14.3	14.3	4.4	17.5	19.5	5.5	27.0	23.7	6.3
Chronic Obstructive Pulmonary Disease	36	16.7	7.5	*	22.2	13.1	*	27.8	18.0	*
Transient Cerebral Ischemia	26	0.0	1.9	*	3.8	4.4	*	7.7	7.2	*
Stroke	29	31.0	17.6	*	37.9	24.3	*	41.4	28.8	*
Hip Fracture	46	10.9	6.3	*	13.0	11.5	*	15.2	15.2	*
Sepsis	9	22.2	17.8	*	44.4	23.3	*	44.4	28.0	*
PROCEDURES:										
Angioplasty	31	6.5	3.5	*	9.7	4.6	*	9.7	5.7	*
Coronary Artery Bypass Graft	55	7.3	5.9	4.0	12.7	8.1	5.9	12.7	9.3	6.4
Initial Pacemaker Insertion	11	0.0	2.2	*	9.1	4.7	*	9.1	7.2	*
Carotid Endarterectomy	29	3.4	1.2	*	3.4	2.3	*	3.4	3.4	*
Hip Replacement/Reconstruction	37	8.1	3.1	*	10.8	5.9	*	10.8	7.9	*
Open Reduction of Hip Fracture	22	4.5	5.6	*	4.5	11.1	*	9.1	15.1	*
Prostatectomy	59	0.0	0.7	1.8	3.4	1.6	2.1	6.8	2.7	3.1
Cholecystectomy	55	1.8	2.0	2.1	1.8	3.5	2.9	3.6	4.6	3.2
Hysterectomy	11	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	225
Occupancy Rate	53
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	96
Percent of Physicians Board Certified Specialists	91
Medical Residents/Interns	0
Registered Nurses	263
Licensed Practical Nurses	55

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

WYOMING MEDICAL CENTER

Medicare Provider Number: 530012

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,556	9.3	8.4	1.3	12.9	12.6	1.4	16.6	16.1	1.4
CONDITIONS:										
Acute Myocardial Infarction	76	14.5	27.0	7.8	15.8	30.3	8.5	19.7	34.0	8.9
Congestive Heart Failure	53	13.2	15.0	5.1	28.3	22.8	7.5	35.8	29.3	9.8
Pneumonia/Influenza	51	9.8	14.1	8.4	13.7	19.7	10.8	17.6	24.0	10.6
Chronic Obstructive Pulmonary Disease	43	27.9	10.7	*	34.9	17.8	*	44.2	23.5	*
Transient Cerebral Ischemia	17	0.0	2.1	*	5.9	4.7	*	5.9	7.5	*
Stroke	41	36.6	17.4	*	43.9	23.6	*	43.9	28.0	*
Hip Fracture	49	8.2	6.0	*	12.2	11.3	*	14.3	14.9	*
Sepsis	14	21.4	24.9	*	21.4	30.0	*	28.6	35.3	*
PROCEDURES:										
Angioplasty	28	0.0	4.9	*	0.0	5.8	*	0.0	6.9	*
Coronary Artery Bypass Graft	50	4.0	8.9	*	6.0	12.1	*	10.0	13.9	*
Initial Pacemaker Insertion	15	13.3	9.9	*	13.3	13.6	*	13.3	17.3	*
Carotid Endarterectomy	13	0.0	1.2	*	0.0	2.2	*	0.0	3.2	*
Hip Replacement/Reconstruction	41	2.4	2.4	*	2.4	4.6	*	2.4	6.2	*
Open Reduction of Hip Fracture	29	6.9	5.7	*	13.8	11.4	*	17.2	15.5	*
Prostatectomy	50	0.0	1.2	*	0.0	2.5	*	6.0	4.0	*
Cholecystectomy	47	6.4	3.7	*	8.5	6.2	*	8.5	7.7	*
Hysterectomy	16	0.0	0.7	*	0.0	1.5	*	0.0	2.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,588	7.9	8.2	1.0	12.8	12.1	1.3	15.4	15.3	0.9
CONDITIONS:										
Acute Myocardial Infarction	73	8.2	28.1	8.1	17.8	31.5	8.8	19.2	34.9	6.8
Congestive Heart Failure	60	15.0	15.6	7.0	33.3	24.0	8.4	43.3	30.9	10.3
Pneumonia/Influenza	56	17.9	14.1	6.1	23.2	19.1	6.0	23.2	23.3	5.7
Chronic Obstructive Pulmonary Disease	39	12.8	11.6	*	20.5	19.5	*	23.1	25.1	*
Transient Cerebral Ischemia	22	4.5	1.9	*	9.1	4.2	*	9.1	6.6	*
Stroke	35	20.0	19.5	*	25.7	25.8	*	31.4	30.4	*
Hip Fracture	57	5.3	6.0	4.4	10.5	11.2	4.2	10.5	14.6	5.7
Sepsis	13	46.2	30.9	*	61.5	39.2	*	61.5	45.9	*
PROCEDURES:										
Angioplasty	17	0.0	7.5	*	0.0	9.0	*	0.0	10.6	*
Coronary Artery Bypass Graft	47	2.1	8.7	*	8.5	11.2	*	14.9	12.6	*
Initial Pacemaker Insertion	16	0.0	3.7	*	0.0	7.1	*	6.3	9.9	*
Carotid Endarterectomy	15	0.0	1.5	*	0.0	2.9	*	0.0	4.3	*
Hip Replacement/Reconstruction	42	2.4	3.6	*	4.8	6.9	*	4.8	9.1	*
Open Reduction of Hip Fracture	24	4.2	5.2	*	12.5	10.4	*	12.5	14.0	*
Prostatectomy	67	1.5	1.3	1.8	4.5	3.0	2.4	4.5	4.7	2.7
Cholecystectomy	30	10.0	3.5	*	10.0	5.4	*	10.0	6.9	*
Hysterectomy	18	0.0	0.6	*	5.6	1.1	*	11.1	1.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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651.2

Wyoming
Medical Center

J. DOUGLAS BIRD
President

1233 East Second
Casper, Wyoming 82601
(307) 577-7201

December 26, 1990

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

RE: Mortality Statistics

Dear Mrs. Kappert:

Wyoming Medical Center has reviewed the mortality statistics for our facility and find no significant errors in the data.

Utilizing the data provided, and the formula for the standard deviation, we have evaluated our observed mortality rates in the various confidence levels. Wyoming Medical Center falls well within the 99 and 95 percent confidence levels for those procedures and diagnoses having calculated standard deviations. We appreciate the format used for the mortality data this year. Having the standard deviations and the ability to calculate where we fall within the confidence levels provides us with a much more useful tool for evaluating the data.

We at Wyoming Medical Center believe it is important for the public to be aware of the many factors contributing to the quality of care given to patients at a facility and feel that the mortality data being published by HCFA represents only one potential measure of a hospital´s quality. Other factors we believe should be evaluated are recovery rates, complications rates and their effect on outcome, services available, patient satisfaction and expected outcome as compared to actual outcome of the admission to the facility. We believe these can only be monitored by an ongoing in-house Quality Management Program. Wyoming Medical Center actively reviewed these aspects of care through our Quality Management Program.

Sincerely,

Linda Burdett

Linda Burdett RN MSN CNAA
Vice President Patient Care Services

LB/11

Technical Appendix

TECHNICAL APPENDIX

Data Sources

The data analyzed in this report are obtained from the MEDPAR file, which contains summary information on the hospitalizations of Medicare beneficiaries. The principal sources of data for this file are the bills (known as HCFA-1450 or UB-82) submitted by the hospitals to HCFA through fiscal intermediaries. The MEDPAR file also contains data about the beneficiaries, such as age, sex and date of death, which are obtained from the Social Security Administration or the Railroad Retirement Board.

Hospitalizations with discharges in fiscal years 1987, 1988 and 1989 were used in these analyses. Hospitalizations in 1986 were used only to characterize the prior admissions of the patients in the 1987 cohort. Only acute-care hospitalizations in short-term (general and specialty) hospitals were selected. These hospitals have a "0" in the third position of their Medicare provider number. Hospitalizations in special cost centers, designated by a "9" in the fourth position of the provider number, and hospitalizations in psychiatric units, rehabilitation units, swing-beds and alcohol/drug units, with "special unit codes" of S, T, U and V, respectively, in the third position were excluded.

The Mortality Model

For each beneficiary in each year one hospitalization was selected at random. Choosing a specific hospitalization is necessary to avoid multiple counting of the same death for that year. Selecting a random hospitalization instead of the first or last in the year produces mortality rates that are more representative of the rates that a hospital might calculate for its patients. Also, the mortality rates based on this random selection process reflect an intermediate position between the rates produced by the alternatives.

The selected hospitalizations were then segregated by analytical category and analyzed separately. The analytic categories were created by grouping ICD-9-CM diagnosis codes that had similar raw mortality rates and clinical definitions. The groupings fall into five risk levels: low, average, moderately severe, very severe and catastrophic. Within these risk levels, codes are further grouped based on clinical similarities. The analytic categories and the groups of ICD-9-CM diagnosis codes that defined them are listed in Table A-1.

The mortality experience of the patients was evaluated as a function of time within 182 days of the admission. The factors included in the mortality model used to evaluate the patients' probability of death are given in Table A-2. They consist of demographic characteristics (age and sex), major comorbidities (chronic diseases likely to have been present at admission and believed to complicate management and increase the likelihood of an adverse outcome), prior admissions (grouped into five risk or severity levels) within the six months preceding the admission evaluated, admission type (emergent, elective, etc.), and admission source (referral from the physician's office, the nursing facility, etc.). The specific reason for the admission (the principal diagnosis) and the performance of selected surgical procedures were additional factors used in the estimation of the predicted probability of death (see below).

The observed mortality rate for a hospital was calculated by means of the lifetable method ("The LIFETEST Procedure", Chapter 22, SAS User's Guide: Statistics, Version 5 Edition, pages 529-557).

Analytic Techniques

A time-to-event or survival model with explanatory or concomitant variables was used to ascertain the influence of the patient characteristics listed above on the probability of death. A feature of such a model is allowance for "right censored" observations. Generally, these are events or outcomes which would have occurred but for some interference that prevents further observation. In the present analysis, "right censoring" occurs when a patient is withdrawn alive from the study at the end of the followup period of 182 days.

The survival function, $S(t)$, is one of several equivalent ways of expressing the model. Another form uses the cumulative distribution function or the mortality function,

$$F(t) = 1 - S(t).$$

Another useful formulation of these models is the hazard function, also known as the force of mortality or risk function. The hazard is the rate of decrease in the number of survivors relative to the number of survivors at a specific time. Mathematically, the hazard function is:

$$h(t) = -\frac{1}{S(t)}\frac{dS(t)}{dt} = -\frac{d\ln(S(t))}{dt}$$

The probability density function commonly used in statistical texts can be expressed as follows:

$$f(t) = \frac{dF(t)}{dt} = h(t)S(t).$$

The area under the survival curve is the expected value for t. In some cases the area under the survival curve is restricted to an interval $0\text{-}t_1$ where t_1 might be one year, for example.

The specific time-to-event or survival model used in the present analysis is Bailey's modification of the Makeham model. The survival function for the Bailey-Makeham model is:

$$S(t) = \exp\left\{-\delta t - \left(\frac{\alpha}{\gamma}\right)(1 - \exp(-\gamma t))\right\}$$

where

$$\alpha = \exp(\alpha_0 + \alpha_1 x_1 + \ldots + \alpha_i x_i + \ldots + \alpha_k x_k)$$
$$\gamma = \exp(\gamma_0 + \gamma_1 g_1 + \ldots + \gamma_i x_i + \ldots + \gamma_k x_k)$$
$$\delta = \exp(\delta_0 + \delta_1 x_1 + \ldots + \delta_i x_i + \ldots + \delta_k x_k)$$

are the expressions for each of the structural parameters α, γ, and δ in terms of the k concomitant variables x_i and their associated component parameters α_i, γ_i, and δ_i for $i=1,2,\ldots, k$ and three intercepts or component parameters α_0, γ_0, and δ_0. The structural parameter δ is the long-term risk which is approached as $t \rightarrow \infty$. The structural parameter is the initial excess risk which decays with rate constant γ.

For the survival function given above, the risk or hazard function has an especially tractable form of an exponential decay which approaches a long-term risk, δ. The hazard function corresponding to the survival function above is

$$h(t) = \alpha \exp(-\gamma t) + \delta .$$

The estimation of the component parameters was carried out in a series of steps in which those covariates which had estimable and statistically significant ($p<0.05$) influences of the probability of death were identified for inclusion in the model. As the model for each of the 17 risk categories was estimated separately, different lists of covariates were used for the final core models.

This first step was followed by the estimation of the additional contribution of specific principal diagnoses in each risk category. In these analyses, the effects of the patient characteristics included in the core models were corrected for. Only those principal diagnoses were retained which were estimable and had more than 1,000 cases or a statistically significant effect at the $p<0.01$ level when the number of cases was less than 1,000. Similarly, after adjustment for the effects of both the variables in the core model and the principal diagnoses, correction terms were calculated to estimate the additional information about the probability of death associated with the categorization of the patients into the clinical groups used for the presentation of the data in the mortality tables (see below). These correction terms were negligible for the medical categories but substantial for the surgical categories.

Once the component parameters or regression coefficients α_i, γ_i, and δ_i have been estimated, the predicted probability of patient death at any specified time after admission, 1-S(t), may be calculated for all individuals. To obtain the predicted mortality rate up to a given time for a hospital, it is then only necessary to average over the predicted probabilities of death of its patients to that time.

The analytic categories are useful for grouping the patients into relatively risk homogeneous strata for the regressions. However, to gain insights into patterns of practice at hospitals, the data are presented for patients grouped into clinically meaningful medical and surgical categories. The 17 clinical categories used in the mortality tables were identified by the Institute of Medicine as being of particular medical and epidemiologic interest.

Estimation of the Standard Deviation for Predicted Mortality

The standard deviation of the predicted mortality rate is used to assess how meaningfully different the observed mortality rate is from the rate predicted by the national experience with like patients. The standard deviation depends, in fact, on the variance of the residual or the difference between the observed, P, and predicted, $\hat{\Theta}$, mortality rates.

The residual has four components V_1, V_2, V_3, and V_4 where V_1 is the variance of the estimate of the predicted probability of death. This computationally intensive term was negligible for nearly all cases, compared to other components of variance. Consequently, this term was not included the present analysis.

V_2 is the binomial variance for n patients.

$$V_2 = \frac{\hat{\Theta}\left(1 - \hat{\Theta}\right)}{n}.$$

V_3 is the variation among hospitals not explained by the mortality regression models containing the patient characteristics described above.

$$V_3 = \widehat{\mathrm{Var}(\Theta)} = \left(1 - \frac{1}{n}\right) \widehat{M_2(\Theta)}$$

where

$$\widehat{M_2(\Theta)} = \left\{ \begin{pmatrix} \text{Predicted mortality} \\ \text{on basis of} \\ \text{patient characteristics and} \\ \text{adjustment for hospital effects} \end{pmatrix} - \begin{pmatrix} \text{Predicted mortality} \\ \text{on basis of} \\ \text{patient characteristics,} \\ \text{but omitting the hospital specific effects} \end{pmatrix} \right\}^2 \left(\frac{1}{z_p^2}\right)$$

The quantity z_p corresponds to the statistical significance (p-value) of the hospital specific effect.

$V4$ is the variation not explained by the mortality regression models which each include, in addition, an indicator variable for the hospital:

$$V_4 = \left\{ \left(\text{Observed mortality}\right) - \left(\begin{array}{c} \text{Predicted mortality} \\ \text{on basis of} \\ \text{patient characteristics, and} \\ \text{adjustment for the hospital specific effects} \end{array} \right) \right\}^2 .$$

(The regression coefficients of the indicator variable for the hospital are a measure of the influence on the probability of patient death of factors not otherwise specified in the model. These factors include severity of illness not adequately reported on by the patient characteristics deduced from the claims data and the hospital's pattern of practice; i.e., performance.)

The standard deviation given in the mortality tables is just:

$$SD = \sqrt{V_2 + V_3 + V_4}.$$

Measures of Uncertainty

In principle, to use the standard normal approximations to determine prediction intervals, an adjustment must be applied for the skewness and kurtosis inherent in a mortality rate when the rate is considerably less than 50 percent and the number of cases is small. Table A-3 presents the multiplicative factors, based on the binomial distribution, for the standard deviation needed to construct prediction intervals for the mortality rates at confidence levels ranging from 75 percent to 99 percent. Because of the approximations involved in the estimation of the skewness and kurtosis corrections, their precision decreases as the number of cases and the mortality rate decrease; i.e., as the value of the correction increases. In addition, because of simplifications and approximations in the estimation of the standard deviation, the precision of the multiplicative factors given in Table A-3 exceeds the precision of the estimate of the standard deviation. Hence, the rule-of-thumb given at the front of this Appendix represents an adequate approximation to the factors in Table A-3 and an adequate guide to the meaningfulness of the difference between the observed and the predicted mortality rates.

To illustrate the use of Table A-3, consider a hospital with 75 cases and a predicted mortality of 13.0 percent with a standard deviation of 5.0 percent. Overall, for hospitals with patients with characteristics similar to those of this hospital, we would expect the actual or observed mortality rate to lie, 95 percent of the time, either between 13.0 percent and 22.9 percent, if the actual is larger than the predicted, or between 3.3 percent and 13.0 percent, if the actual is less than the predicted. That is because 22.9 percent = 13.0 percent + 1.98 x 5.0 percent, the factor 1.98 having been read from the section of Table A-3 with the heading "95% Prediction Interval" and "Factor for Upper Bound", the row "75" for the number of cases, and by interpolation between the "10%" and the "20%" predicted mortality rate columns. Similarly, 3.3 percent = 13.0 percent - 1.94 x 5.0 percent, the factor -1.94 having been read from the section of Table A-3 with the heading "95% Prediction Interval" and "Factor for Lower Bound" and the corresponding row and columns.

On the other hand, 75 percent of the time, the observed mortality rate will lie either between 13 percent and 18.8 percent (13.0 percent + 1.15 x 5.0 percent) if the observed rate is higher than the predicted, or between 7.3 percent (13.0 percent - 1.15 x 5.0 percent) and 13.0 percent if it is lower.

Therefore, in comparing the actual and predicted rates, more attention should be given to the hospital whose observed mortality rate lies beyond the bounds calculated for the 99 percent prediction interval than to the hospital whose observed mortality rate lies only beyond the bounds calculated for the 95 percent prediction interval. In turn, more attention should be given to that hospital than to the hospital whose observed mortality rate lies only beyond the bounds calculated for the 75 percent prediction interval.

Table A-1

ANALYTICAL DIAGNOSTIC CATEGORIES

	CATEGORY	ICD-9-CM CODES
1.	Low risk cardiopulmonary and circulatory disorders	390, 393, 401, 402.00, 402.10, 402.90, 405, 411 (except 411.0), 413-414, 417-420, 422, 425.1, 426.1-426.7, 426.81, 427.0, 427.2-427.3, 427.6, 427.8-427.9, 429.4, 433 (except 433.0), 435, 437.2, 442 (except 442.2), 447 (except 447.2), 448, 451, 453.1, 453.8-453.9, 454-455, 456.3-456.6, 457.0-457.1, 457.9, 458.0, 460-478, 487 (except 487.0), 490-491, 493-495, 511.0, 518.2, 519.0-519.1
2.	Low risk injuries and poisonings	800.0, 800.5, 801.0, 801.5, 802, 805 (except 805.0), 806 (except 806.0), 807 (except 807.0 and 807.4), 807.00-807.06, 808-819, 822-838, 839 (except 839.0), 840-848, 850, 854.0 (except 854.05), 861.2, 862, 867 (except 867.0 and 867.2), 870-874, 875.0, 876-887, 890-897, 905-932, 933.0, 935-940, 942 (except 942.3), 943-945, 947, 949-957, 958 (except 958.4), 959-963, 965.1, 965.5-965.7, 965.9, 966, 969-971, 972 (except 972.1), 973, 974 (except 974.1), 975 (except 975.7), 977-981, 984-986, 988, 992-993, 994 (except 994.1 and 994.7), 995, 996.0 (except 996.02), 996.2, 996.4-996.5, 996.7-996.9, 997.9, 998 (except 998.2)
3.	Low risk gastrointestinal and endocrine disorders	240-246, 250.0, 250.5-250.6, 250.8, 250.9, 252, 254, 255 (except 255.4), 256-258, 264-272, 274, 276.3, 276.8, 279 (except 279.1), 520-527, 528.2, 528.4, 528.6-528.9, 529, 530 (except 530.4 and 530.8), 531.3, 531.7-531.9, 532.3, 532.7-532.9, 533.3, 533.7-533.9, 534.3, 534.7-534.9, 535-536, 537.1-537.2, 537.5-537.6, 537.8-537.9 (except 537.89), 540-543, 550, 552-556, 558 (except 558.2), 562-566, 568, 569.0-569.2, 569.4-569.6, 569.9, 571.8-571.9, 574 (only when 5th digit = 0), 575 (except 575.4 and 575.8), 576.0, 576.9, 577.1, 577.9, 579

Table A-1: Analytic Diagnostic Categories

4.	Low risk genitourinary and reproductive disorders	582-583, 588-589, 590.1, 590.8-590.9, 592, 594-595, 596 (except 596.1 and 596.6), 597-598, 599 (except 599.0 and 599.6), 600-606, 607 (except 607.2), 608 (except 608.4), 610-618, 619 (except 619.1), 620-629, 630-648, 650-676
5.	Low risk neuropsychiatric, sensory and musculoskeletal disorders	290-292, 293 (except 293.0), 294-309, 311-319, 330, 331 (except 331.0), 332-334, 337, 340, 342-343, 344 (except 344.0 and 344.1), 345 (except 345.3), 346-347, 348.0, 350-358, 360-389, 680-686, 690-698, 700-706, 707 (except 707.0), 708-709, 710 (except 710.1), 711-713, 714 (except 714.81), 715-739
6.	Other low risk disorders	E-CODE, M-CODE, V01-V09, V11-V65 (except V58.0 and V58.8), V67-V82, 001-005, 007-009, 014-017, 020-026, 027 (except 027.0), 030, 032-033, 035, 037, 039, 041.0-041.2, 045, 049.8-049.9, 050-053, 055-057, 071-088, 090-111, 120-135, 137-139, 140, 143, 173-175, 180.0-180.1, 182, 188 (except 188.8 and 188.9), 190, 192 (except 192.2), 210-211, 212 (except 212.7), 213-224, 226-230, 231 (except 231.2), 232-236, 239.4-239.5, 239.9, 280 (except 280.0), 282, 740-744, 746-759, 780 (except 780.0), 781, 782.0-782.2, 782.6, 782.8-782.9, 783.1, 783.5-783.9, 784 (except 784.3 and 784.5), 785 (except 785.4 and 785.5), 786.2, 786.4-786.5, 786.7-786.9, 787 (except 787.2), 788.0-788.1, 788.3-788.4, 788.6-788.7, 789 (except 789.5), 790 (except 790.6 and 790.7), 793-796
7.	Average risk disorders	V10, V58.0, V58.8, 006, 010 -013, 031, 034, 041.3-041.9, 070.1, 070.3, 070.5, 070.9, 114-115, 136 (except 136.3), 142, 144-146, 152-154, 160-161, 162.0, 165, 170, 171.0, 171.2-171.4, 171.6-171.7, 172 (except 172.8), 180.8, 181, 184-187, 188.8-188.9, 189 (except 189.0), 193-194, 196.0, 196.3, 196.5-196.6, 196.9, 197.3, 198.2, 225,

Table A-1: Analytic Diagnostic Categories

7. Average risk disorders (continued)	238, 239.0-239.3, 239.7-239.8, 250.1, 250.4, 250.7, 251, 253, 255.4, 259, 275 (except 275.4), 276.1, 276.6-276.7, 276.9, 277 (except 277.3), 278, 280.0, 281, 283, 285, 286 (except 286.6), 287-289, 293.0, 310, 322-326, 331.0, 336, 344.0-344.1, 345.3, 349, 359, 391-392, 394-396, 398 (except 398.91), 402.01, 402.11, 402.91, 403-404, 410.7, 411.0, 412, 423.8-423.9, 424, 425.5, 425.7-425.9, 426.0, 426.9, 427.1, 429.0-429.3, 437 (except 437.2), 438, 440, 441.4, 441.9, 443, 444 (except 444.1), 446, 456.1, 456.21, 456.8, 457.2, 457.8, 459 (except 459.0 and 459.2), 480, 482.2, 483-484, 487.0, 492, 496, 506, 508 (except 508.0), 518.3, 518.8, 519.4, 519.8-519.9, 528.0-528.1, 528.3, 528.5, 531.0, 531.4, 532.0, 532.4, 533.0, 533.4, 534.0, 534.4, 537.0, 537.3-537.4, 537.89, 557 (except 557.0), 560.1, 560.3, 560.80-560.81, 560.9, 569.3, 569.8 (except 569.83), 571.0-571.1, 571.3-571.4, 572.0-572.1, 573, 574 (only when 5th digit = 1), 575.4, 575.8, 576.1-576.5, 577.0, 577.2, 577.8, 578 (except 578.0), 580-581, 587, 590.0, 590.2- 590.3, 591, 593, 596.1, 596.6, 599.0, 599.6, 607.2, 608.4, 619.1, 714.81, 745, 782.3, 783.0, 783.2, 784.3, 784.5, 786.0-786.1, 786.3, 786.6, 787.2, 788.2, 788.5, 788.8-788.9, 790.6-790.7, 791-792, 798, 799.8-799.9, 803.0, 803.5, 805.0, 807.07-807.09, 820-821, 839.0, 860, 863, 865-866, 867.0, 867.2, 900, 903-904, 934.0-934.1, 941, 942.3, 946.0-946.2, 948.0-948.3, 964, 965.0, 965.4, 965.8, 967-968, 972.1, 974.1, 975.7, 976, 982-983, 987, 989, 996.1, 996.3, 996.6, 997 (except 997.9), 998.2, 999
8. Moderately severe cardiopulmonary and circulatory disorders	398.91, 415-416, 425.0, 425.2-425.4, 426.89, 428, 429.5-429.9, 432.1, 434, 436, 441.2, 442.2, 452, 453.0, 453.2-453.3, 458 (except 458.0), 459.0, 459.2, 481, 482.3, 482.9, 485-486, 500-505, 510.9, 511 (except 511.0), 512.8, 513-515, 517, 518.0-518.1, 518.4, 519.2-519.3
9. Moderately severe gastrointestinal and endocrine disorders	273, 276.5, 277.3, 530.4, 530.8, 551, 558.2, 560.0, 560.2, 560.89, 567, 572.3, 578.0

Table A-1: Analytic Diagnostic Categories

10. Moderately severe neoplastic diseases	141, 147-149, 158, 162.3-162.5, 179, 180.9, 183, 189.0, 191, 192.2, 198.1, 198.6-198.7, 198.82, 200-202, 207 (except 207.0), 212.7, 237, 239.6
11. Other moderately severe disorders	V66, 038.42, 040, 047-048, 049.0-049.1, 054, 060-066, 284, 335, 341, 348.3-348.4, 348.8-348.9, 585, 707.0, 710.1, 782.4-782.5, 782.7, 783.4, 785.4, 789.5, 797, 799.0, 799.2-799.4, 804, 806.0, 807.4, 851.0, 851.2, 851.4, 851.6, 851.8, 852.0, (except 852.05), 852.1 (except 852.15), 852.2 (except 852.25), 852.4-852.5, 853.0 (except 853.05), 853.1 (except 853.15), 861 (except 861.2), 864.0 (except 864.04), 864.1 (except 864.14), 933.1, 990, 996.02
12. Very severe cardiopulmonary and circulatory disorders	397, 410 (except 410.7), 421, 423.0-423.2, 433.0, 447.2, 456.0, 456.20, 482.0-482.1, 482.4, 482.8, 507, 508.0, 510.0, 512.0, 516, 518.5
13. Very severe gastrointestinal and endocrine disorders	250.2-250.3, 260-263, 275.4, 276.0, 276.2, 276.4, 279.1, 531.1-531.2, 531.5-531.6, 532.1-532.2, 532.5-532.6, 533.1-533.2, 533.5-533.6, 534.1-534.2, 534.5-534.6, 569.83, 571.2, 571.5-571.6, 572.2, 576.8
14. Very severe infectious disorders	018, 027.0, 036, 038 (except 038.42), 042-044, 046, 112, 116-118, 136.3
15. Very severe neoplastic diseases	150-151, 156-157, 159, 162.2, 162.8-162.9, 163-164, 171.5, 171.8-171.9, 195, 196.1-196.2, 196.8, 197.0-197.2, 197.4-197.6, 197.8, 198.0, 198.3-198.5, 198.81, 198.89, 203, 204 (except 204.0), 205 (except 205.0), 207.0, 208 (except 208.0), 231.2
16. Other very severe disorders	320-321, 348.2, 348.5, 584, 586, 760-779, 780.0, 783.3, 799.1, 800 (except 800.0 and 800.5), 801 (except 801.0 and 801.5), 854.05, 854.1, 868-869, 875.1, 934.8-934.9, 946.3-946.5, 958.4, 991, 994.1, 994.7

Table A-1: Analytic Diagnostic Categories

17. Catastrophic disorders	070.0, 070.2, 070.4, 070.6, 155, 172.8, 197.7, 199, 204.0, 205.0, 206, 208.0, 286.6, 348.1, 427.4-427.5, 430-431, 432 (except viral 432.1), 441.0-441.1, 441.3, 441.5, 444.1, 557.0, 570, 572.4, 572.8, 785.5, 803 (except 803.0 and 803.5), 851.1, 851.3, 851.5, 851.7, 851.9, 852.05, 852.15, 852.25, 852.3, 853.05, 853.15, 864.04, 864.14, 901-902, 948.4-948.9

Table A-2

EXPLANATORY VARIABLES FOR THE MORTALITY MODEL

Generally the same variables are used for all diagnostic categories.

DEMOGRAPHICS

$$\text{AGESP} = \text{sign}\,(W\text{-}65)\left(\left|\frac{W\text{-}65}{65}\right|\right)^{1.72}$$

where

$$W = \left\{\begin{array}{c} 23 \text{ if AGE} \leq 23 \\ \text{AGE if } 23 < \text{AGE} < 100 \\ 100 \text{ if } 100 \leq \text{AGE} \end{array}\right\}$$

SX An indicator variable: = 1 if Female and 0 otherwise.

COMORBIDITIES (Indicator variables = 1 if comorbidity present and 0 otherwise)

		ICD-9-CM Codes
CCA	Cancer	141-160.9, 162-172.9, 174-208.9)
CCV	Chronic cardiovascular disease	412-414.9, 426-429.1)
CLV	Chronic liver disease	571-572.8)
CRN	Chronic renal disease	582-583.9, 585-587)

ADMISSION SOURCES AND TYPES (Indicator variables = 1 if source or type present and 0 otherwise)

PHRF	Patient referred by personal or HMO physician.
TRSNF	Patient transferred from skilled nursing facility.
ELCT	Patient admitted for elective procedure.
EMRG	Patient admitted for emergency.

PREVIOUS HOSPITALIZATIONS

PALR	Number at low risk, with 5 or more set to 5.
PAAR	Number at average risk, with 3 or more set to 3.
PAMSR	Number at moderately severe risk, with 3 or more set to 3.
PAVSR	Number at very severe risk, with 2 or more set to 2.
PACR	Number at catastrophic risk, with 1or more set to 1.

TABLE A-3: MULTIPLICATIVE FACTORS FOR THE CALCULATION OF THE BOUNDS FOR PREDICTION INTERVALS

(n is the number of cases at your hospital and p is the predicted mortality rate.)

	99% Prediction Interval					95% Prediction Interval					75% Prediction Interval				
	Factor for Upper Bound					Factor for Upper Bound					Factor for Upper Bound				
p n	1%	5%	10%	20%	40%	1%	5%	10%	20%	40%	1%	5%	10%	20%	40%
25	2.95	2.73	2.68	2.63	2.59	2.15	2.04	2.01	1.99	1.97	1.17	1.16	1.16	1.15	1.15
50	2.76	2.65	2.63	2.60	2.58	2.05	2.00	1.99	1.97	1.96	1.16	1.15	1.15	1.15	1.15
75	2.70	2.63	2.61	2.59	2.58	2.02	1.99	1.98	1.97	1.96	1.16	1.15	1.15	1.15	1.15
100	2.67	2.61	2.60	2.59	2.58	2.01	1.98	1.97	1.97	1.96	1.16	1.15	1.15	1.15	1.15
150	2.64	2.60	2.59	2.59	2.58	1.99	1.97	1.97	1.96	1.96	1.15	1.15	1.15	1.15	1.15
200	2.62	2.60	2.59	2.58	2.58	1.98	1.97	1.97	1.96	1.96	1.15	1.15	1.15	1.15	1.15
300	2.61	2.59	2.58	2.58	2.58	1.98	1.97	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
400	2.60	2.59	2.58	2.58	2.58	1.97	1.96	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
500	2.59	2.58	2.58	2.58	2.58	1.97	1.96	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
750	2.59	2.58	2.58	2.58	2.58	1.97	1.96	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
1000	2.59	2.58	2.58	2.58	2.58	1.96	1.96	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
2000	2.58	2.58	2.58	2.58	2.58	1.96	1.96	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
5000	2.58	2.58	2.58	2.58	2.58	1.96	1.96	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15

	Factor for Lower Bound					Factor for Lower Bound					Factor for Lower Bound				
p n	1%	5%	10%	20%	40%	1%	5%	10%	20%	40%	1%	5%	10%	20%	40%
25	-2.21	-2.42	-2.48	-2.52	-2.56	-1.77	-1.88	-1.91	-1.93	-1.95	-1.13	-1.14	-1.14	-1.15	-1.15
50	-2.39	-2.50	-2.53	-2.55	-2.57	-1.87	-1.92	-1.93	-1.95	-1.96	-1.14	-1.15	-1.15	-1.15	-1.15
75	-2.45	-2.52	-2.54	-2.56	-2.57	-1.90	-1.93	-1.94	-1.95	-1.96	-1.14	-1.15	-1.15	-1.15	-1.15
100	-2.48	-2.54	-2.55	-2.56	-2.57	-1.91	-1.94	-1.95	-1.95	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
150	-2.51	-2.55	-2.56	-2.57	-2.57	-1.93	-1.95	-1.95	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
200	-2.53	-2.56	-2.56	-2.57	-2.57	-1.94	-1.95	-1.95	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
300	-2.54	-2.56	-2.57	-2.57	-2.57	-1.94	-1.95	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
400	-2.55	-2.57	-2.57	-2.57	-2.57	-1.95	-1.96	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
500	-2.56	-2.57	-2.57	-2.57	-2.58	-1.95	-1.96	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
750	-2.56	-2.57	-2.57	-2.57	-2.58	-1.95	-1.96	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
1000	-2.57	-2.57	-2.57	-2.57	-2.58	-1.96	-1.96	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
2000	-2.57	-2.57	-2.57	-2.58	-2.58	-1.96	-1.96	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
5000	-2.57	-2.58	-2.58	-2.58	-2.58	-1.96	-1.96	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15

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